# **Product Datasheet**

## CD43/Sialophorin Antibody (DF-T1) - Azide and BSA Free NBP2-33140

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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#### NBP2-33140

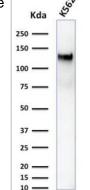
CD43/Sialophorin Antibody (DF-T1) - Azide and BSA Free

C.HostMouseGene ID6693Gene SymbolSPNSpeciesHumanMarkerT-Cell MarkerSpecificity/SensitivityIt recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.ImmunogenMyeloblastic KG1 cellsProduct Application DetailsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining		
Concentration         1.0 mg/ml           Storage         Store at -20 to -80C. Avoid freeze-thaw cycles.           Clonality         Monoclonal           Clone         DF-T1           Preservative         No Preservative           Isotype         IgG1 Kappa           Purity         Protein A or G purified           Buffer         10 mM PBS           Product Description         1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WTHOUT BSA & azide. Also available at 200 ug/ml WTH BSA & azide (NBP2-15190).           Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C C.           Host         Mouse           Gene ID         6693           Gene Symbol         SPN           Species         Human           Marker         T-Cell Marker           Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/15/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody DP-T-1, called b as opposed to a TD-T-1. Pro%/ of T-cell Marker           Specificity/Sensitivity         Western Of all call antibody argue against a reactive process and favors a diagnant imphoma, atperture B-cells. So a B-lineage population that co-Apresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, sing on polution that co-Apresses CD43 is neglity likely to be a malignant imphoma, especi	Product Information	
Storage         Store at -20 to -80C. Avoid freeze-thaw cycles.           Clonality         Monocional           Clone         DF-T1           Preservative         No Preservative           Isotype         IgG1 Kappa           Purity         Protein A or G purified           Buffer         10 mM PBS           Product Description         1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 100m PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-15190).           Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C C.           Host         Mouse           Gene ID         6693           Gene Symbol         SPN           Species         Human           Marker         T-Cell Marker           Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 (Workshop IV, Epitope of monocional antibody Bra7G is clearly different from that of monocional antibody DF-T1, called b as opposed to a for DF-T1, 70-90% of 1-cell lymphomas and from 2-37% of 8-cell tymphomas express CD43 Nor reactivity has been observed with reactive B-cells. So a 6-lineage population. Mhone CD43 antibody is used is in formalin-fixed issues can be obtained. Co-staining of a tymphoid infiltrate with anti-CD20 and anti-CD20 are flective Immunophenotyping of the lymphomas in formalin-fixed issues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 an	Unit Size	0.1 mg
Clonality       Monoclonal         Clone       DF-T1         Preservative       No Preservative         Isotype       IgG1 Kappa         Purity       Protein A or G purified         Buffer       10 mM PBS         Product Description       1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-15190).         Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C C.         Host       Mouse         Gene ID       6693         Gene Symbol       SPN         Species       Human         Marker       T-Cell Marker         Specificity/Sensitivity       It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of 91/cozydiaton), identified as CD43 (Workshop IV). Epitope of monoclonal antibody with aractive B-cells. So a B-lineage population that co-respresse CD43 is highly likely to be an adignant imprimona, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is user in combination with anti-CD20. (fietcity immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoti infiltrate with anti-CD20. (fietcity immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoti infiltrate with anti-CD20. (fietcity immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoti of filtrate with anti-CD20. (fisetive immunopheno	Concentration	1.0 mg/ml
Clone         DF-T1           Preservative         No Preservative           Isotype         IgG1 Kappa           Purity         Protein A or G purified           Buffer         10 mM PBS           Product Description         1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-15190).           Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.           Host         Mouse           Gene ID         6693           Gene Symbol         SPN           Species         Human           Marker         T-Cell Marker           Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 (Workshop IV). Epitope of monoclonal antibody Br2-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that or-expresses CD43 is highly likely to be a malignant Impinoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is usee in combination with anti-CD20. effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.           Immunolset.         Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin <th>Storage</th> <th>Store at -20 to -80C. Avoid freeze-thaw cycles.</th>	Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Preservative         No Preservative           Isotype         IgG1 Kappa           Purity         Protein A or G purified           Buffer         10 mM PBS           Product Description         1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-15190).           Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C C.           Host         Mouse           Gene ID         6693           Gene Symbol         SPN           Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody DFaTG is clearly different from that of monoclonal antibody DFaTG. To -20% of T -cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.           Immunogen         Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin           Application Notes         Immunohistochemistry-Paraffin           Application Notes         Immunohistochemistry (formalin-fixed) is Coling at TC 20 minutes at RT. Staining of formalin-fixed issu	Clonality	Monoclonal
Isotype       IgG1 Kappa         Purity       Protein A or G purified         Buffer       10 mM PBS         Product Description          1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G.         Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml         WITH BSA & azide (NBP2-15190).         Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C         C.         Host         Mouse         Gene ID         6693         Gene Symbol         SPN         Species         Human         Marker         T-Cell Marker         Specificity/Sensitivity         trecognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the         extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of         monoclonal antibody Bra7G is clearly different from that of monoclonal antibody         DF-T1, called b as opposed to a for DF-T1, 70-90% of T-cell lymphomas and         from 22-37% of B-cell lymphomas express CD43. No reactivity has been         observed with reactive B-celle sceal by outgress and favors a         diagnosis of lymphoma.         Immunogen         Myeloblastic KG1 cells         Product Application Details         Application Notes         Immunohistochemistry-Paraffin         Application Notes         Immunohistochemistry-Paraffin         Application Notes         Immunohistochemistry (Formalin-fixed): 1-20g/ml for 30 minutes at RT. Staining         of formalin-fixed issues requires heating filesces rectors in 10m M Tris with 1mm	Clone	DF-T1
Purity         Protein A or G purified           Buffer         10 mM PBS           Product Description         1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-15190).           Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C C.           Host         Mouse           Gene ID         6693           Gene Symbol         SPN           Species         Human           Marker         T-Cell Marker           Species         Human           Marker         T-Cell Marker           Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal atibody DF-T1, called b as opposed to a for DF-T1. 70-0% of T-cell [wmphomas sund from 22-37% of B-cell [wmphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade ymphoma, rather than a reactive B-cell population. When CD43 antibody is use in combination with anti-CD20, and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.           Immunohistochemistry-Paraffin         Myeloblastic KG1 cells           Product Application Detaills         Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Im	Preservative	No Preservative
Buffer       10 mM PBS         Product Description <ul> <li>1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA &amp; azide. Also available at 200 ug/ml WITH BSA &amp; azide (NBP2-15190).</li> <li>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C.</li> </ul> Host         Mouse <ul> <li>Gene ID</li> <li>6693</li> <li>Gene Symbol</li> <li>SPN</li> </ul> Species         Human           Marker         T-Cell Marker           Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody Dr-T1, colled b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.         Immunohistochemistry-Paraffin     Myeloblastic KG1 cells           Product Application Details         Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immuno	Isotype	IgG1 Kappa
Product Description           Description         1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-15190).           Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C C.           Host         Mouse           Gene ID         6693           Gene Symbol         SPN           Species         Human           Marker         T-Cell Marker           Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22.37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a mailgnant lymphome, respecially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is uses in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.           Immunogen         Myeloblastic KG1 cells           Product Application Details         Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin           Application Notes         Immunobistochemistry-Paraffin           Horduct Application Notes	Purity	Protein A or G purified
Description       1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G.         Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml         WITH BSA & azide (NBP2-15190).         Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C         C.         Host         Gene ID       6693         Gene Symbol       SPN         Species       Human         Marker       T-Cell Marker         Specificity/Sensitivity       It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 (Workshop IV). Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.         Immunogen       Myeloblastic KG1 cells         Product Application Details       Application Settern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin         Recommended Dilutions       Western Blot, Flo	Buffer	10 mM PBS
Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml         WITH BSA & azide (NBP2-15190).         Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -8C         C.         Host         Gene ID         6693         Gene Symbol         SPN         Species         Human         Marker         T-Cell Marker         Specificity/Sensitivity         It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, ro-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.         Immunogen       Myeloblastic KG1 cells         Product Application Details       Applications         Applications       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Parafin         Application Notes       Immunohistochemistry Parafin	Product Description	
Gene ID       6693         Gene Symbol       SPN         Species       Human         Marker       T-Cell Marker         Specificity/Sensitivity       It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.         Immunogen       Myeloblastic KG1 cells         Product Application Details       Applications         Applications       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin         Recommended Dilutions       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Description	Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-15190). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80
Gene Symbol       SPN         Species       Human         Marker       T-Cell Marker         Specificity/Sensitivity       It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20 effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.         Immunogen       Myeloblastic KG1 cells         Product Application Details       Applications         Applications       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin         Recommended Dilutions       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Host	Mouse
Species       Human         Marker       T-Cell Marker         Specificity/Sensitivity       It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in formalin-fixed tissues can be obtained. Co-staining of a lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphomas and fagonsis of lymphoma.         Immunogen       Myeloblastic KG1 cells         Product Application Details       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin         Recommended Dilutions       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin         Application Notes       Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Gene ID	6693
Marker       T-Cell Marker         Specificity/Sensitivity       It recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.         Immunogen       Myeloblastic KG1 cells         Product Application Details       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin         Recommended Dilutions       Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin         Application Notes       Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pl 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Gene Symbol	SPN
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extent of glycosylation), identified as CD43 [Workshop IV]. Épitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma.ImmunogenMyeloblastic KG1 cellsProduct Application DetailsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Marker	T-Cell Marker
Product Application DetailsApplicationsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Specificity/Sensitivity	extent of glycosylation), identified as CD43 [Workshop IV]. Epitope of monoclonal antibody Bra7G is clearly different from that of monoclonal antibody DF-T1, called b as opposed to a for DF-T1. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a
ApplicationsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Immunogen	Myeloblastic KG1 cells
Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-ParaffinApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Product Application Details	
Application Notes         Immunohistochemistry-Paraffin           Application Notes         Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Applications	
of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Recommended Dilutions	
	Application Notes	of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.



#### Images

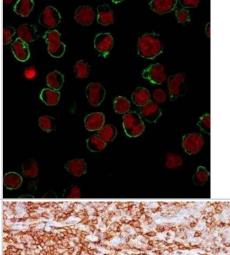
Western Blot: CD43/Sialophorin Antibody (DF-T1) - Azide and BSA Free [NBP2-33140] - Western Blot Analysis of K562 cell lysate using CD43/Sialophorin Antibody (DF-T1).

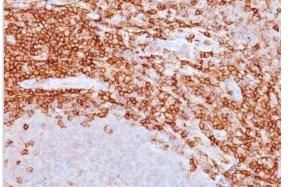


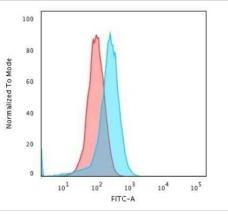
Immunocytochemistry/Immunofluorescence: CD43/Sialophorin Antibody (DF-T1) - Azide and BSA Free [NBP2-33140] - Immunofluorescence Analysis of K562 cells labeling CD43 with CD43/Sialophorin Antibody (DF-T1) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is NucSpot(R) Live 650

Immunohistochemistry-Paraffin: CD43/Sialophorin Antibody (DF-T1) - Azide and BSA Free [NBP2-33140] - Formalin-paraffin human spleen stained with CD43 Ab (DF-T1).

Flow Cytometry: CD43/Sialophorin Antibody (DF-T1) - Azide and BSA Free [NBP2-33140] - Flow Cytometric Analysis of PFA-fixed K562 cells using CD43/Sialophorin Antibody (DF-T1) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).











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#### Products Related to NBP2-33140

NBP2-23472	Recombinant Human CD43/Sialophorin His Protein
6	
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]

#### Limitations

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