

# Product Datasheet

## CD43/Sialophorin Antibody (84-3C1)

### NBP2-44649-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Updated 10/23/2024 v.20.1

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**NBP2-44649-0.1mg**

CD43/Sialophorin Antibody (84-3C1)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	84-3C1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

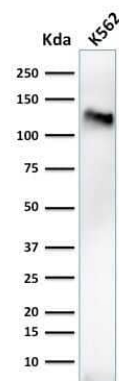
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-11445)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
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 III). 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	Stimulated human leukocytes

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
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. Optimal dilution for a specific application should be determined.

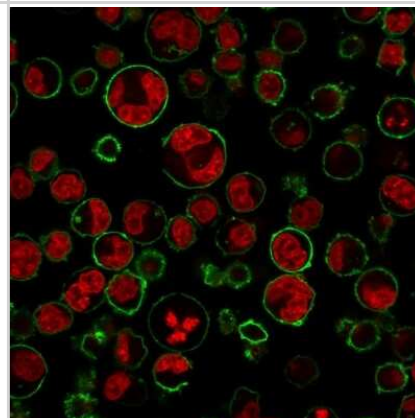


## Images

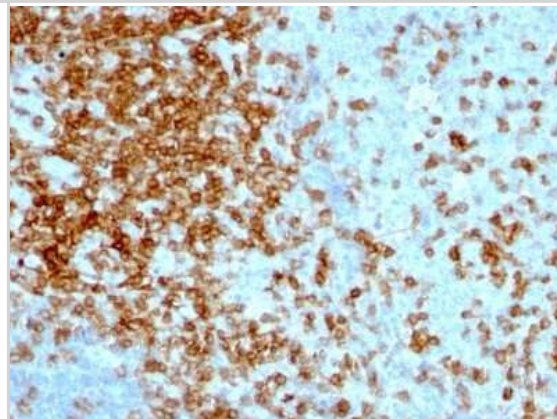
Western Blot: CD43/Sialophorin Antibody (84-3C1) [NBP2-44649] - Western Blot Analysis of K562 cell lysate using CD43/Sialophorin Antibody (84-3C1).



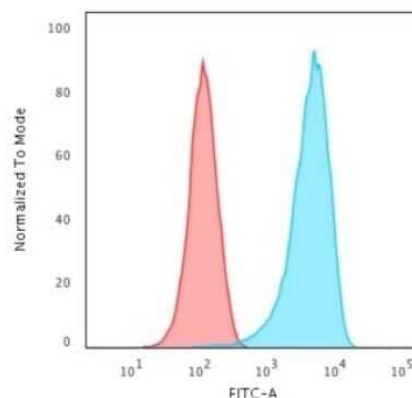
Immunocytochemistry/Immunofluorescence: CD43/Sialophorin Antibody (84-3C1) [NBP2-44649] - Immunofluorescence Analysis of K562 cells labeling CD43 with CD43/Sialophorin Antibody (84-3C1) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is NucSpot .



Immunohistochemistry-Paraffin: CD43/Sialophorin Antibody (84-3C1) [NBP2-44649] - Human Tonsil stained with CD43 Monoclonal Antibody (84-3C1).



Flow Cytometry: CD43/Sialophorin Antibody (84-3C1) [NBP2-44649] - Flow Cytometric Analysis of Human K562 cells using CD43/Sialophorin Antibody (84-3C1) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).





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### **Products Related to NBP2-44649-0.1mg**

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

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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