# **Product Datasheet**

# CD5 Antibody (CD5/54/F6) [DyLight 405] NBP2-34593V

Unit Size: 0.1 ml

Store at 4C in the dark.

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# NBP2-34593V

CD5 Antibody (CD5/54/F6) [DyLight 405]

Storage Store at 4C in the dark.  Clonal Clonal Clone CD5/54/F6 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate DyLight 405 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description  This conjugate is made on demand. Actual recovery may vary from the stat volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Host Mouse Gene ID 921 Gene Symbol CD5 Species Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker  Specificity/Sensitivity Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic cells, e.g. chronic lymphocytes in useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 destroin is diagnosis in CLLUS4, united T-coll and addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymnoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	CD5 Antibody (CD5/54/F6) [DyLight 405]	
Please see the vial label for concentration. If unlisted please contact technic services.	Product Information	
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone CD5/54/F6  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate DyLight 405  Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Description This conjugate is made on demand. Actual recovery may vary from the state volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Host Mouse  Gene ID 921  Gene Symbol CD5  Species Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker Mantle Cell Lymphoma Marker  Specificity/Sensitivity Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic Ecells, e.g. chronic lymphocytic leukemia/small lymphoma (CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 are all subsect (-10%) of diffuse large B-cell tymphoma (CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 does not react with a range of neoplastic Eucells are diagnosis of mature T-cell areas anti-CD5 are an area of the consument of the complasms. Anti-CD5 does not react with granulocytes or monocytes. In addition, anti-CD5 does not react with granulocytes or monocytes. In addition, anti-CD5 does not react with granulocytes or monocytes.  Immunogen Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Unit Size	0.1 ml
Clone CD5/54/F6  Preservative 0.05% Sodium Azide  Isotype 1gG1 Kappa  Conjugate DyLight 405  Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Description This conjugate is made on demand. Actual recovery may vary from the stat volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Host Mouse  Gene ID 921  Gene Symbol CD5  Species Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker Mantle Cell Lymphoma Marker  Specificity/Sensitivity Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/mantle cell lymphoma, and a subset (-10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnostic in CLL/SLL within a panel of ot B-cell markers, especially one that includes anti-CD3. Anti-CD5 is also ver useful in differentiating among mature small lymphotic dell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thympane (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Applications Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Clone CD5/54/F6 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate DyLight 405 Purity Protein A or G purified Buffer 50mM Sodium Borate  Product Description Description This conjugate is made on demand. Actual recovery may vary from the state volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Host Mouse Gene ID 921 Gene Symbol CD5 Species Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker Mantle Cell Lymphoma Marker Specificity/Sensitivity Recognizes a 67kDa transmembrane protein, which is identified as CD5. TC CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic Ecells, e.g., chronic lymphocytic leukemia/small lymphoma (CLL/mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphoma (CD5 aberrant expression is useful in making a diagnostic in CLL/SLL within a panel of or B-cell markers, especially one that includes anti-CD5 is alove ouseful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-), Anti-CD5 does not react with granulocytes or monocytes.  Immunogen Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Storage	Store at 4C in the dark.
Preservative   0.05% Sodium Azide	Clonality	Monoclonal
IgG1 Kappa   IgG1 Kappa	Clone	CD5/54/F6
Conjugate DyLight 405 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Description This conjugate is made on demand. Actual recovery may vary from the state volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Mouse Gene ID 921 Gene Symbol CD5 Species Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker Mantle Cell Lymphoma Marker Specificity/Sensitivity Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic E cells, e.g. chronic lymphocytic leumia/small lymphocytic lymphoma (CLL/Mantle Cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of on B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also ver useful in differentiating among mature small lymphoic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127 )  Notes  Product Application Details  Applications Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Preservative	0.05% Sodium Azide
Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  This conjugate is made on demand. Actual recovery may vary from the static volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Mouse  Gene ID 921  Gene Symbol CD5  Species Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker Mantle Cell Lymphoma Marker  Specificity/Sensitivity Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic E cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL) mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of of B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also ver useful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Isotype	IgG1 Kappa
Product Description	Conjugate	DyLight 405
Product Description  This conjugate is made on demand. Actual recovery may vary from the state volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Mouse  Gene ID  921  Gene Symbol  CD5  Species  Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker  Mantle Cell Lymphoma Marker  Specificity/Sensitivity  Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic E cells, e.g. chronic lymphoma, and a subset (~10%) of diffuse large B-cell lymphome. CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of of B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also we useful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen  Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Purity	Protein A or G purified
This conjugate is made on demand. Actual recovery may vary from the state volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Mouse  Gene ID  921  Gene Symbol  CD5  Species  Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb Marker  Mantle Cell Lymphoma Marker  Specificity/Sensitivity  Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic E cells, e.g., chronic lymphoma, and a subset (~10%) of diffuse large B-cell lymphom (CLL/mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of or B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also ver useful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 does not react with granulocytes or monocytes.  Immunogen  Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Buffer	50mM Sodium Borate
volume of this product. The volume will be greater than or equal to the unit stated on the datasheet.  Mouse  Gene ID  921  Gene Symbol  CD5  Species  Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb  Marker  Mantle Cell Lymphoma Marker  Specificity/Sensitivity  Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic E cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of of B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also ver useful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen  Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Product Description	
Gene ID  Gene Symbol  CD5  Species  Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabb  Marker  Mantle Cell Lymphoma Marker  Specificity/Sensitivity  Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic E cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/Marante cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphoma CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of of B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also veruseful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen  Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiar Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
CD5	Host	Mouse
Species	Gene ID	921
Marker  Mantle Cell Lymphoma Marker  Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic Ecells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of of B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also ver useful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen  Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Gene Symbol	CD5
Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic Ecells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of of B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also veruseful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen  Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Species	Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabbit
CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic E cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphom CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of of B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also ver useful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). Anti-CD5 does not react with granulocytes or monocytes.  Immunogen  Recombinant fragment (around aa450-495) of human CD5 protein (intracell region). (Uniprot: P06127)  Notes  Product Application Details  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Marker	Mantle Cell Lymphoma Marker
region). (Uniprot: P06127 )  Notes  DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiar  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Specificity/Sensitivity	lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic B-cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL), mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphoma. CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Anti-CD5 detection is diagnostic in CLL/SLL within a panel of other B-cell markers, especially one that includes anti-CD23. Anti-CD5 is also very useful in differentiating among mature small lymphoid cell malignancies. In addition, anti-CD5 can be used in distinguishing thymic carcinoma (+) from
DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiar  Product Application Details  Applications  Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Immunogen	Recombinant fragment (around aa450-495) of human CD5 protein (intracellular region). (Uniprot: P06127)
Applications Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready	Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
CyTOF-ready	Product Application Details	
Recommended Dilutions Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin	Applications	
CyTOF-ready	Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready





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NBP1-43319V-0.5ml Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 405]

NBP2-38509PEP CD5 Recombinant Protein Antigen

6507-IL-010/CF IL-4 [Unconjugated]

1636-CD-050 CD5

#### 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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