

Product Datasheet

CD5 Antibody (CD5/54/F6) [PE/Cy5.5] NBP2-34593PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-34593PECY55

CD5 Antibody (CD5/54/F6) [PE/Cy5.5]

| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. Do not freeze. |
| Clonality | Monoclonal |
| Clone | CD5/54/F6 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | PE/Cy5.5 |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 921 |
| Gene Symbol | CD5 |
| Species | Human, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig, Monkey, Rabbit |
| 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 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 thymoma (-). Anti-CD5 does not react with granulocytes or monocytes. |
| Immunogen | Recombinant fragment (around aa450-495) of human CD5 protein (intracellular region). (Uniprot: P06127) |
| Product Application Details | |
| Applications | Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions. |



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Products Related to NBP2-34593PECY55

| | |
|----------------|---------------------------------|
| NBP2-38509PEP | CD5 Recombinant Protein Antigen |
| 6507-IL-010/CF | IL-4 [Unconjugated] |
| 1636-CD-050 | CD5 |
| 202-IL-010 | IL-2 [Unconjugated] |

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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