

Product Datasheet

CD20 Antibody (L26) [Alexa Fluor® 647] NBP2-80486AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-80486AF647

CD20 Antibody (L26) [Alexa Fluor® 647]

| 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. |
| Clonality | Monoclonal |
| Clone | L26 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a |
| Conjugate | Alexa Fluor 647 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 931 |
| Gene Symbol | MS4A1 |
| Species | Human |
| Reactivity Notes | Others not known. |
| Marker | B-Cell Marker |
| Specificity/Sensitivity | Recognizes a protein of 30-33kDa, which is identified as CD20. Its epitope is located in the cytoplasmic domain of CD20 and was, therefore, ascribed as CD20cy in the 5th Workshop. CD20 is a non-Ig differentiation antigen of B-cells and its expression is restricted to normal and neoplastic B-cells, being absent from all other leukocytes and tissues. CD20 is expressed by pre B-cells and persists during all stages of B-cell maturation but is lost upon terminal differentiation into plasma cells. This MAAb can be used for immunophenotyping of leukemia and malignant cells, B lymphocyte detection in peripheral blood and B cell localization in tissues. It reacts with the majority of B-cells present in peripheral blood and lymphoid tissues and their derived lymphomas. In lymphoid tissue, germinal center blasts and B-immunoblasts are particularly reactive. It is a reliable antibody for ascribing a B-cell phenotype in known lymphoid tissues. Rarely, CD20-positive T-cell lymphomas have been reported. Reactivity has also been noted with Reed-Sternberg cells in cases of Hodgkins disease, particularly of lymphocyte predominant type. |
| Immunogen | Human tonsil B cells |

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| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Western Blot 1 - 2 ug/ml, Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry 1-2 ug/ml, Immunocytochemistry/Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.5-1 ug/ml, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP2-80486AF647

| | |
|-------------------|--|
| IC003R | Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 647] |
| H00000931-P01-2ug | Recombinant Human CD20 GST (N-Term) Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBL1-13312 | CD20 Overexpression Lysate |

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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