

Product Datasheet

CD20 Antibody (L26) [CoraFluor™ 1] NBP2-80486CL1

Unit Size: 0.1 ml

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

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NBP2-80486CL1

CD20 Antibody (L26) [CoraFluor™ 1]

| 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 | L26 |
| Preservative | No Preservative |
| Isotype | IgG2a |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or G purified |
| Buffer | PBS |

| Product Description | |
|---------------------|--|
| Description | <p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p> |
| 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 MAb 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 |
| Notes | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |

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



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Products Related to NBP2-80486CL1

| | |
|--------------------|---|
| H00000931-P01-25ug | Recombinant Human CD20 GST (N-Term) Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBL1-13312 | CD20 Overexpression Lysate |
| AF114 | CD45 Antibody [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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