

# Product Datasheet

## CD20 Antibody (MS4A1/8072R) [CoraFluor™ 1] NBP3-24187CL1

Unit Size: 0.1 ml

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

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**NBP3-24187CL1**

CD20 Antibody (MS4A1/8072R) [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               | MS4A1/8072R   |
| Preservative        | No Preservative   |
| Isotype             | IgG Kappa   |
| Conjugate           | CoraFluor 1   |
| Purity              | Protein A purified  |
| Buffer              | PBS   |

| Product Description     |  |
|-------------------------|--|
| Description             | 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(IM) 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.                                    |
| Host                    | Rabbit   |
| Gene ID                 | 931  |
| Gene Symbol             | MS4A1  |
| Species                 | Human  |
| Marker                  | B-Cell Marker  |
| Specificity/Sensitivity | This monoclonal antibody 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 Hodgkin s disease, particularly of lymphocyte predominant type. |
| Immunogen               | Recombinant fragment (around aa200-297) of human CD20 protein (exact sequence is proprietary)  |
| 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                            |
| Recommended Dilutions       | Western Blot, Immunohistochemistry-Paraffin                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-24187CL1**

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|                 |                                    |
|-----------------|------------------------------------|
| NBP2-61455-10ug | Recombinant Human CD20 His Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]           |
| NBL1-13312      | CD20 Overexpression Lysate         |
| AF114           | CD45 Antibody [Unconjugated]       |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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