

Product Datasheet

CD81 Antibody (C81/2885R) [CoraFluor™ 1] NBP3-08796CL1

Unit Size: 0.1 ml

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

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NBP3-08796CL1

CD81 Antibody (C81/2885R) [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 | C81/2885R |
| Preservative | No Preservative |
| Isotype | IgG |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or G 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 | 975 |
| Gene Symbol | CD81 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Others not known. |
| Specificity/Sensitivity | Recognizes a protein of 26kDa, identified as CD81 (Workshop VI; Code CD81.1)). CD81 has a very broad cellular distribution, being expressed on T- and B-lymphocytes, NK cells, thymocytes, eosinophils, fibroblasts, epithelial and endothelial cells. Neutrophils, erythrocytes and platelets are negative, while monocytes are variably positive. CD81 is a member of a family of tetraspans transmembrane proteins, including CD9, CD37, CD53, CD63, and CD82. It associates with CD19, CD21, Leu 13, and integrins on cell membrane and is involved in signal transduction in B lymphocyte development and cell adhesion. CD81 also acts as a receptor for the envelope protein E2 of chronic hepatitis C virus. Antibodies to CD81 have anti-proliferative effects on different lymphoid cell lines, particularly those derived from large cell lymphomas. |
| Immunogen | Recombinant full-length human CD81 protein |
| 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 | ELISA, Flow Cytometry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry, ELISA, Immunohistochemistry-Paraffin |

Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP3-08796CL1

| | |
|-----------------|---|
| NBP2-60215-50ug | Recombinant Human CD81 hIgG-His Protein |
| 7268-CT-100 | CTLA-4 [Unconjugated] |
| 9144-CD-050 | CD81 [Unconjugated] |
| NB400-104 | SR-BI Antibody - BSA Free |

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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