

Product Datasheet

CD81 Antibody (C81/2885R) [Alexa Fluor™ Plus 680] NBP3-08796AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-08796AFP680

CD81 Antibody (C81/2885R) [Alexa Fluor™ Plus 680]

| 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 | C81/2885R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | Alexa Fluor Plus 680 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| 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 tetraspan 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 | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Immunohistochemistry-Paraffin, ELISA, Flow Cytometry |



| | |
|------------------------------|--|
| 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 NBP3-08796AFP680

| | |
|---------------|--------------------------------|
| NBP1-77039PEP | CD81 Antibody Blocking Peptide |
| 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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