

Product Datasheet

CD81 Antibody (rC81/3442) - Azide and BSA Free NBP3-08795

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08795

CD81 Antibody (rC81/3442) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	rC81/3442
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	26 kDa

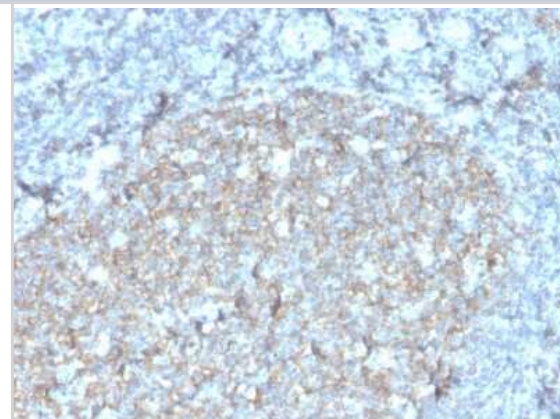
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07474). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	975
Gene Symbol	CD81
Species	Human, Mouse, Rat
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 (Uniprot: P60033)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 0.5-1 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/ml, Immunohistochemistry-Paraffin

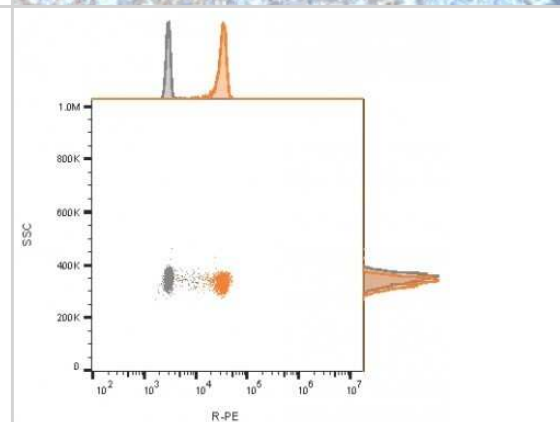


Images

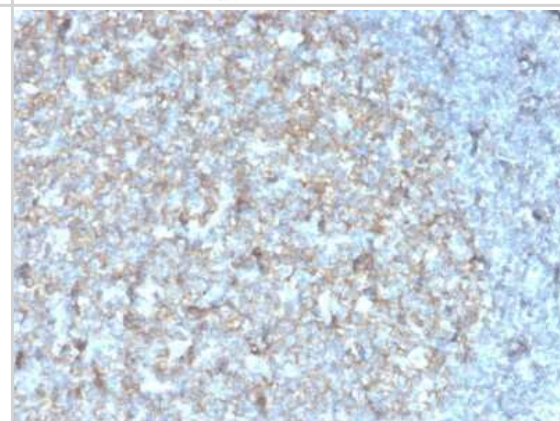
Immunohistochemistry-Paraffin: CD81 Antibody (rC81/3442) - Azide and BSA Free [NBP3-08795] - Formalin-fixed, paraffin-embedded human tonsil stained with CD81 Recombinant Mouse Monoclonal Antibody (r1.3.3.22).



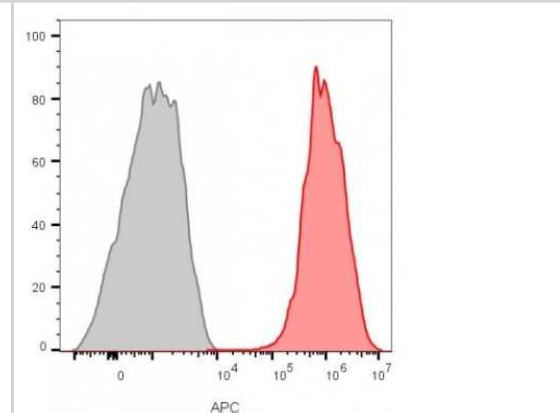
Flow Cytometry: CD81 Antibody (rC81/3442) - Azide and BSA Free [NBP3-08795] - Flow cytometry analysis of bead-bound exosomes derived from MCF-7 cells. Unstained exosomes (gray) or exosomes stained with CF568-labeled CD81 antibody (rC81/3442) (orange).



Immunohistochemistry-Paraffin: CD81 Antibody (rC81/3442) - Azide and BSA Free [NBP3-08795] - Formalin-fixed, paraffin-embedded human tonsil stained with CD81 Recombinant Mouse Monoclonal Antibody (r1.3.3.22).



Flow Cytometry: CD81 Antibody (rC81/3442) - Azide and BSA Free [NBP3-08795] - Flow cytometry analysis of MCF-7 cells unstained (gray) or stained with CD81 antibody (rC81/3442) and goat anti-mouse CF647 (red).





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Products Related to NBP3-08795

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-60215-50ug	Recombinant Human CD81 hIgG-His Protein

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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