

Product Datasheet

Siglec-2/CD22 Antibody (S-HCL-1) - BSA Free NBP3-09167

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-09167

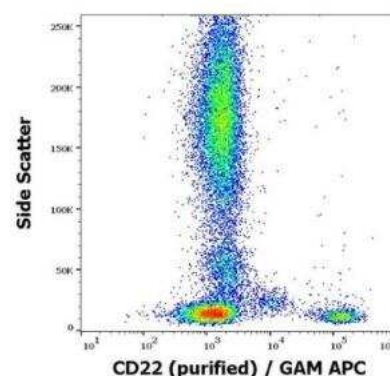
Siglec-2/CD22 Antibody (S-HCL-1) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S-HCL-1
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	TBS
Product Description	
Host	Mouse
Gene ID	933
Gene Symbol	CD22
Species	Human
Specificity/Sensitivity	The mouse monoclonal antibody S-HCL-1 (also known as S-HCL1) recognizes an extracellular epitope of CD22 (BL-CAM), a 130 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed in the cytoplasm of pro-B and pre-B lymphocytes, and on the surface of mature and activated B lymphocytes; it is lost on plasma cells, peripheral blood T lymphocytes, granulocytes and monocytes.
Immunogen	Whole hairy cell leukemia cells and membrane preparation
Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-4 ug/ml

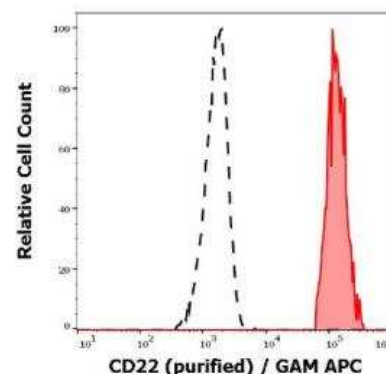


Images

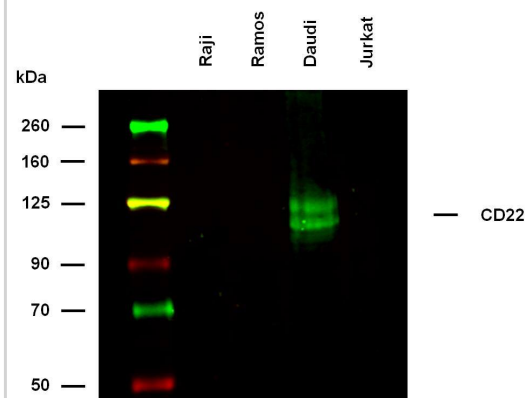
Flow Cytometry: Siglec-2/CD22 Antibody (S-HCL-1) [NBP3-09167] - Surface staining pattern of human peripheral blood stained using anti-human CD22 (S-HCL-1) purified antibody (concentration in sample 3 ug/ml) GAM APC.



Flow Cytometry: Siglec-2/CD22 Antibody (S-HCL-1) [NBP3-09167] - Separation of human CD22 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD22 (S-HCL-1) purified antibody (concentration in sample 3 ug/ml) GAM APC.



Western Blot: Mouse Monoclonal Siglec-2/CD22 Antibody (S-HCL-1) [NBP3-09167] - The reactivity of S-HCL-1 antibody was assessed by comparing binding signals in a panel of three human B cell and one T cell line. Western blotting analysis was performed on whole cell extracts (RIPA lysis buffer) of Raji, Ramos, Daudi, and Jurkat cell lines, mixed and heated (100C, 5 min) without reducing agent in SDS-loading buffer. Samples were resolved using 7% SDS-PAGE gel. Nitrocellulose membrane blot was probed with mouse IgG2b monoclonal antibody S-HCL-1 (2 ug/ml), followed by IRDye 800CW Goat-anti-Mouse IgG (green). CD22 was detected at ~110-125 kDa in Daudi cell line.





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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-87041PEP	Siglec-2/CD22 Recombinant Protein Antigen

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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