

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.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-09167

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-09167



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	15mM Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	Tris buffered saline (TBS), pH 8.0

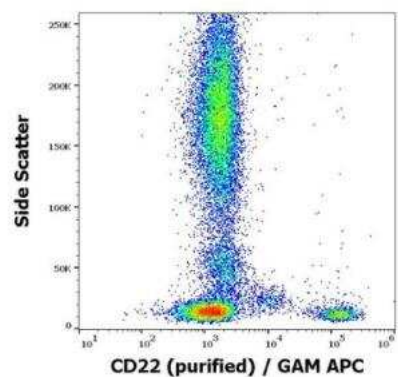
Product Description	
Description	Novus Biologicals Mouse Siglec-2/CD22 Antibody (S-HCL-1) - BSA Free (NBP3-09167) is a monoclonal antibody validated for use in WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	933
Gene Symbol	CD22
Species	Human
Specificity/Sensitivity	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

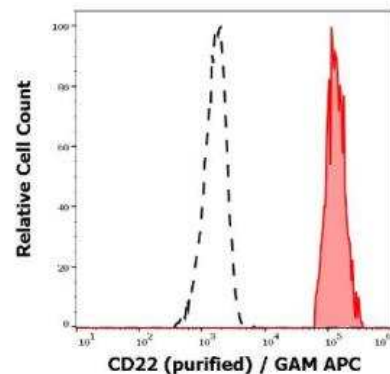


Images

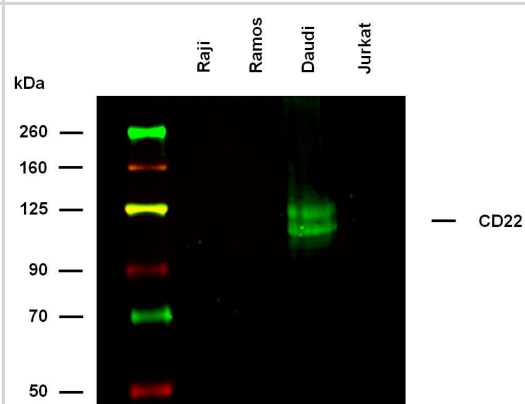
Flow Cytometry: Siglec-2/CD22 Antibody (S-HCL-1) [NBP3-09167] - Surface staining pattern of human peripheral blood stained using anti-human CD22 (S-HCL-1) purified antibody (concentration in sample 3 ug/ml) GAM APC.



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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-09167

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-09167

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

