

Product Datasheet

ST6 Gal Sialyltransferase 1/ST6GAL1/CD75 Antibody (LN-1) - Azide and BSA Free NBP2-47890-0.1mg

Unit Size: 0.1 mg

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

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NBP2-47890-0.1mg

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Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	LN-1
Preservative	No Preservative
Isotype	IgM Kappa
Purity	PEG purified
Buffer	10 mM PBS
Target Molecular Weight	46 kDa

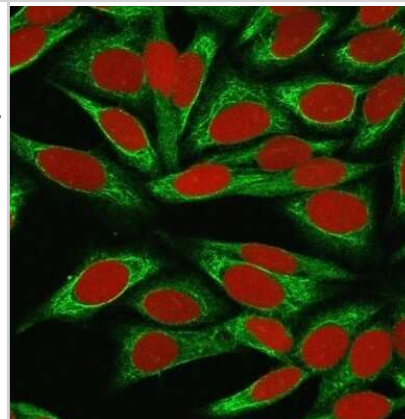
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by PEG precipitation. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44669). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6480
Gene Symbol	ST6GAL1
Species	Human
Marker	B-Cell Marker
Specificity/Sensitivity	Recognizes a neuraminidase-sensitive sialoprotein (CDw75), present on cell membrane and cytoplasm of germinal center B-cells and derived lymphomas. This monoclonal antibody reacts with RBC precursors of bone marrow, ductal and ciliated epithelial cells of kidney, breast, prostate, pancreas, lung, and with glioblastomas, astrocytomas, and Reed Sternberg cells in lymphocyte predominant Hodgkin s disease. It is shown to be a helpful antibody for ascribing a B-cell phenotype in known lymphoid tissues.
Immunogen	Nuclei from pokeweed mitogen-stimulated peripheral blood lymphocytes.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

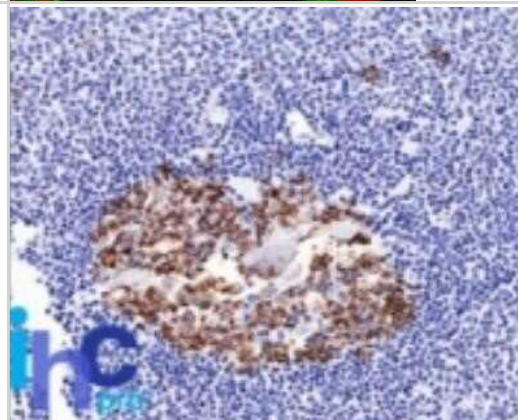


Images

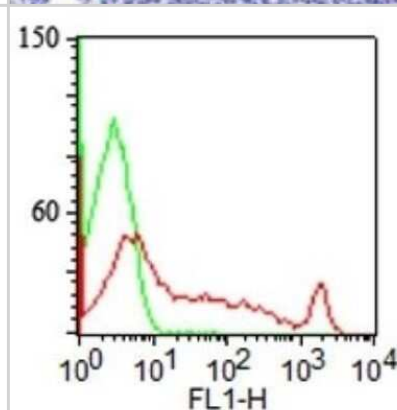
Immunocytochemistry/Immunofluorescence: ST6 Gal Sialyltransferase 1/ST6GAL1/CD75 Antibody (LN-1) - Azide and BSA Free [NBP2-47890]
 - Immunofluorescence Analysis of MeOH-fixed HeLa cells labeled with ST6 Gal Sialyltransferase 1/ST6GAL1/CD75 Antibody (LN-1) followed by goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Red Dot (Red).



Immunohistochemistry-Paraffin: ST6 Gal Sialyltransferase 1/ST6GAL1/CD75 Antibody (LN-1) - Azide and BSA Free [NBP2-47890]
 - Formalin-fixed, paraffin-embedded normal human spleen stained with CDw75 monoclonal antibody (LN-1).



Flow Cytometry: ST6 Gal Sialyltransferase 1/ST6GAL1/CD75 Antibody (LN-1) - Azide and BSA Free [NBP2-47890] - Surface staining of human lymphocytes with CDw75 Monoclonal Antibody (LN-1) (red) and isotype control (green). PPI negative population analyzed.





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Products Related to NBP2-47890-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
NBP2-52038-0.1mg	Recombinant Human ST6 Gal Sialyltransferase 1/ST6GAL1/CD75 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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