

CDw75 (B-Cell Marker) Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone LN-1]
Catalog # AH12304**Specification****CDw75 (B-Cell Marker) Antibody - With BSA and Azide - Product Information**

Application	IHC, IF, FC
Primary Accession	P15907
Other Accession	6480 , 207459
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgM, kappa
Calculated MW	46kDa KDa

CDw75 (B-Cell Marker) Antibody - With BSA and Azide - Additional Information**Gene ID** 6480**Other Names**

Beta-galactoside alpha-2, 6-sialyltransferase 1, Alpha 2, 6-ST 1, 2.4.99.1, B-cell antigen CD75, CMP-N-acetylneuraminase-beta-galactosamide-alpha-2, 6-sialyltransferase 1, ST6Gal I, ST6Gall, Sialyltransferase 1, ST6GAL1, SIAT1

Application Note

IHC~~1:100~500
IF~~1:50~200
FC~~1:10~50

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

CDw75 (B-Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CDw75 (B-Cell Marker) Antibody - With BSA and Azide - Protein Information**Name** ST6GAL1**Synonyms** SIAT1**Function**

Transfers sialic acid from CMP-sialic acid to galactose- containing acceptor substrates. In B lymphocytes, generates neuraminidase-sensitive lymphocyte cell-surface differentiation antigens, such as CDw75, HB-6 and CD76 (PubMed: <http://www.uniprot.org/citations/1730763> target="_blank">1730763).

Cellular Location

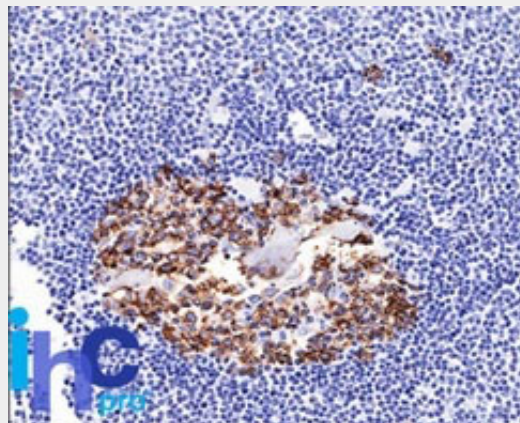
Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Secreted {ECO:0000250|UniProtKB:P13721}. Note=Membrane-bound form in trans cisternae of Golgi (PubMed:20378551). Secreted into the body fluid (By similarity). {ECO:0000250|UniProtKB:P13721, ECO:0000269|PubMed:20378551}

CDw75 (B-Cell Marker) Antibody - With BSA and Azide - Protocols

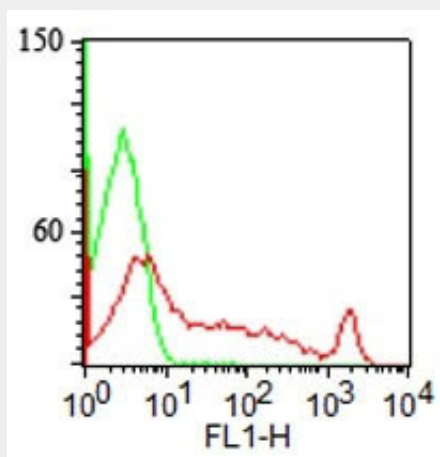
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDw75 (B-Cell Marker) Antibody - With BSA and Azide - Images



Formalin-fixed, paraffin-embedded normal human Spleen stained with CDw75 Monoclonal Antibody (LN-1).



Surface staining of human lymphocytes with CDw75 Monoclonal Antibody (LN-1) (red) and isotype control (green). PPI negative population analyzed.

CDw75 (B-Cell Marker) Antibody - With BSA and Azide - Background

Recognizes a neuraminidase-sensitive sialoprotein (CDw75), present on cell membrane and cytoplasm of germinal center B-cells and derived lymphomas. This MAb 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.

CDw75 (B-Cell Marker) Antibody - With BSA and Azide - References

Epstein AL et. al. J of Immunology 133: 1028-1036, 1984. | Marder RJ et. al. Lab Invest 52: 497-504, 1985. |