


CDw75 (B-Cell Marker); Clone LN-1 (Concentrate)

Availability/Contents:	<u>Item #</u> RA0291-C.5	<u>Volume</u> 0.5 ml
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Description:

Species:	Mouse
Immunogen:	Nuclei from pokeweed mitogen-stimulated peripheral blood lymphocytes.
Clone:	LN-1
Isotype:	IgM, kappa
Entrez Gene ID:	6480 (Human)
Hu Chromosome Loc.:	3q27.3
Synonyms:	6-sialyltransferase 1 (6-ST1), Alpha 2,6 ST1, Beta galactoside alpha 2,6 sialyltransferase 1, CMP N acetylneuraminate beta galactosamide alpha 2,6 sialyltransferase 1, CMP-N-acetylneuraminate-beta-galactosamide-alpha-2, SIAT1, ST6 beta galactosamide alpha 2,6 sialyltransferase 1, ST6Gal I, ST6N.
Mol. Weight of Antigen:	46kDa
Format:	200µg/ml of Ab purified from Bioreactor Concentrate by PEG precipitation. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.
Specificity:	Recognizes a neuraminidase-sensitive sialoprotein (CDw75), present on cell membrane and cytoplasm of germinal center B-cells and derived lymphomas. This 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.
Background:	This antibody is shown to be a helpful antibody for ascribing a B-cell phenotype in known lymphoid tissues.
Species Reactivity:	Human. Others not known.
Positive Control:	HeLa or Daudi Cells. Germinal center B-cells in a lymph node or tonsil. Use LN1's ability to stain surface of erythrocytes as an internal positive control.
Cellular Localization:	Cell surface and cytoplasmic
Titer/ Working Dilution:	Immunohistochemistry (Frozen and Formalin-fixed): 0.5-1 µg/ml Flow Cytometry: 0.5-1 µg/million cells Immunofluorescence: 0.5-1 µg/ml
Microbiological State:	This product is not sterile.

Storage: 2° C  8° C

 ScyTek Laboratories, Inc.
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Uses/Limitations: Not to be taken internally.
For Research Use Only.
This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Non-Sterile.

Ordering Information and Current Pricing at www.scytek.com

Procedure:

1. **Tissue Section Pretreatment (Required):** Staining of formalin fixed, paraffin embedded tissue sections is significantly enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500).
2. **Primary Antibody Incubation Time:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.
3. **Visualization:** For maximum staining intensity we recommend the “UltraTek HRP Anti-Polyvalent Lab Pack” (ScyTek catalog# UHP125, see IFU for instructions) combined with the “DAB Chromogen/Substrate Bulk Pack (High Contrast)” (ScyTek catalog# ACV500, see IFU for instructions).


Precautions: Contains Sodium Azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.


References:

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

Warranty:


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