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Bhubaneswar, Odisha - 751024, INDIA

## 36-1677: Monoclonal Antibody to CDw75 (B-Cell Marker)(Clone: LN-1)

Clonality: Monoclonal

Clone Name: LN-1

Application: FACS,IF,IHC
Reactivity: Human
Gene: ST6GAL1
Gene ID: 6480
Uniprot ID: P15907
Format: Purified

Alternative Name : ST6GAL1,SIAT1
Isotype : Mouse IgM, kappa

Immunogen Information: Nuclei from pokeweed mitogen-stimulated peripheral blood lymphocytes.

## **Description**

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.

## **Product Info**

**Amount :** 100 μg

**Purification:** Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

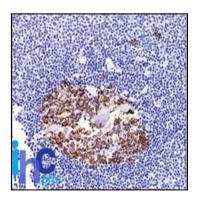
Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); ,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 95&degC followed by cooling at RT for 20 minutes);

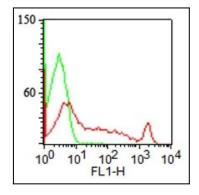


Formalin-fixed, paraffin-embedded normal human Spleen stained with CDw75 Monoclonal Antibody (LN-1).



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