

## 36-3153: Anti-CDw75 (B-Cell Marker) Monoclonal Antibody(Clone: ZB55)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ZB55
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	ST6GAL1
<b>Gene ID :</b>	6480
<b>Uniprot ID :</b>	P15907
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Mouse IgM, kappa
<b>Immunogen Information :</b>	CD32 peptides

### 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

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by PEG precipitation. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### 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);

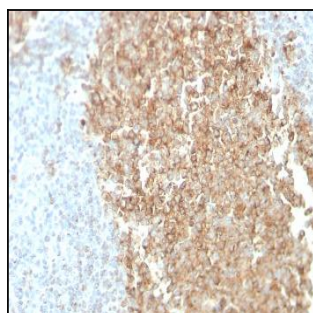


Fig. 1: Formalin-fixed, paraffin-embedded normal human spleen tissue stained with CDw75 Mouse Monoclonal Antibody (ZB55).

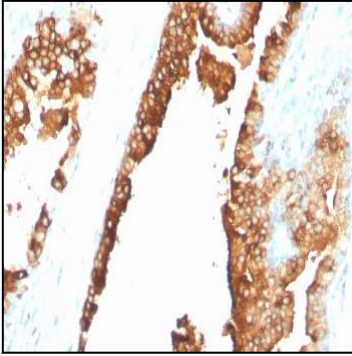


Fig. 2: Formalin-fixed, paraffin-embedded normal human spleen tissue stained with CDw75 Mouse Monoclonal Antibody (ZB55).

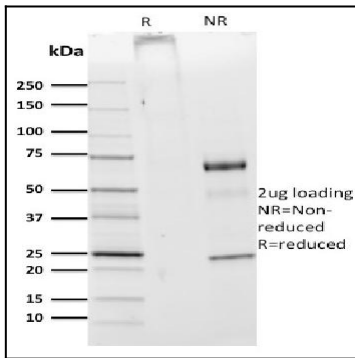


Fig. 3: SDS-PAGE Analysis Purified CDw75 Mouse Monoclonal Antibody (ZB55). Confirmation of Purity and Integrity of Antibody.