

For Research Use Only

CD33 Monoclonal antibody

Catalog Number: 67135-2-Ig



Basic Information

Catalog Number: 67135-2-Ig	GenBank Accession Number: BC028152	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 945	CloneNo.: 1B3G4
Source: Mouse	UNIPROT ID: P20138	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: CD33 molecule	
Immunogen Catalog Number: AG11402	Calculated MW: 364 aa, 40 kDa	
	Observed MW: 67-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Mo7e cells, THP-1 cells, U-937 cells
Species Specificity: Human	

Background Information

CD33, also referred to as Siglec-3, is a 67-kDa glycosylated transmembrane protein of sialic acid-binding immunoglobulin-like lectin (siglec) family. CD33 is expressed on monocytes, myeloid progenitors, granulocytes, mast cells, some T cells. It may mediate cell-to-cell adhesion and act as a receptor that inhibits the proliferation of normal and leukemic myeloid cells.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

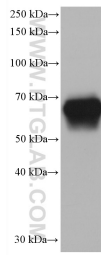
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Selected Validation Data



Mo7e cells were subjected to SDS PAGE followed by western blot with 67135-2-Ig (CD33 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.