

For Research Use Only

# CD33 Monoclonal antibody, PBS Only



Catalog Number: 67135-2-PBS

## Basic Information

<b>Catalog Number:</b> 67135-2-PBS	<b>GenBank Accession Number:</b> BC028152	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1000 µg/ml by 945 Nanodrop;	<b>GeneID (NCBI):</b> UNIPROT ID: P20138	<b>CloneNo.:</b> 1B3G4
<b>Source:</b> Mouse	<b>Full Name:</b> CD33 molecule	
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 364 aa, 40 kDa	
<b>Immunogen Catalog Number:</b> AG11402	<b>Observed MW:</b> 67-70 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**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 only

Aliquoting is unnecessary for -20°C storage

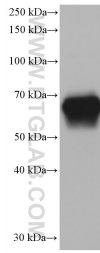
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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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. This data was developed using the same antibody clone with 67135-2-PBS in a different storage buffer formulation.