

For Research Use Only

# CD33 Polyclonal antibody

Catalog Number: 17425-1-AP

8 Publications



## Basic Information

Catalog Number:

17425-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11490

GenBank Accession Number:

BC028152

GeneID (NCBI):

945

UNIPROT ID:

P20138

Full Name:

CD33 molecule

Calculated MW:

364 aa, 40 kDa

Observed MW:

67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:6000

IF/ICC: 1:50-1:500

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: EL-4-B5 cells, K-562 cells, THP-1 cells

IF/ICC: THP-1 cells,

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zilong Zhang	35601487	Front Genet	IF
Xin Pang	32092078	PLoS One	IHC
Xing Huang	36090038	Front Mol Biosci	IHC

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

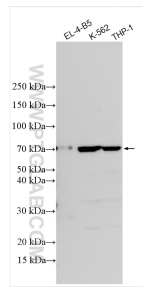
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

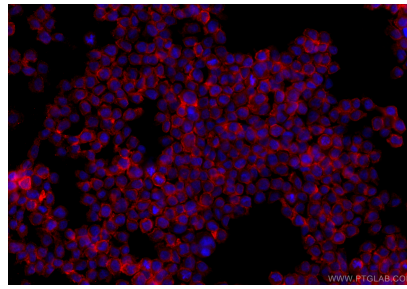
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17425-1-AP (CD33 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CD33 antibody (17425-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).