

## CD33 Antibody HRP Conjugated

Catalog No: #C03909H

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## Description

Product Name	CD33 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide aa 285-335 364 derived from human CD33
Conjugates	HRP
Target Name	CD33
Other Names	p67; SIGLEC3; SIGLEC-3; Myeloid cell surface antigen CD33; Sialic acid-binding Ig-like lectin 3; gp67; CD33
Accession No.	Swiss-Prot#P20138NCBI Gene ID945
Uniprot	P20138
GeneID	945;
Excitation Emission	N A
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

## Background

Putative adhesion molecule of myelomonocytic-derived cells that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Induces apoptosis in acute myeloid leukemia (in vitro).

Note: This product is for in vitro research use only