

CD33 Antibody

Catalog No: #32577

Package Size: #32577-1 50ul #32577-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

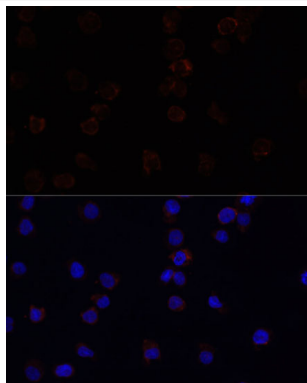
Description

Product Name	CD33 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CD33 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CD33.
Target Name	CD33
Other Names	FLJ00391; SIGLEC-3; SIGLEC3; p67;
Accession No.	Swiss-Prot:P20138NCBI Gene ID:945
Uniprot	P20138
GeneID	945;
SDS-PAGE MW	40KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

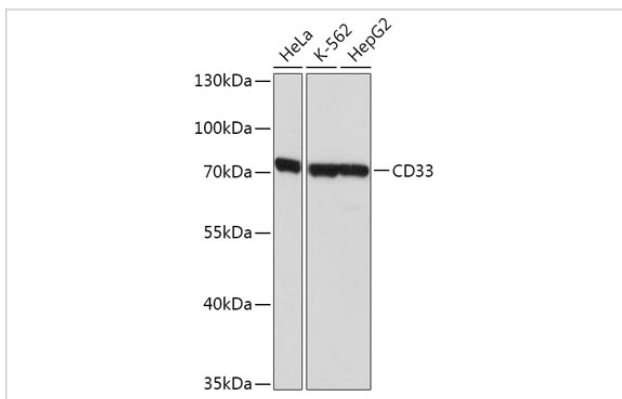
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

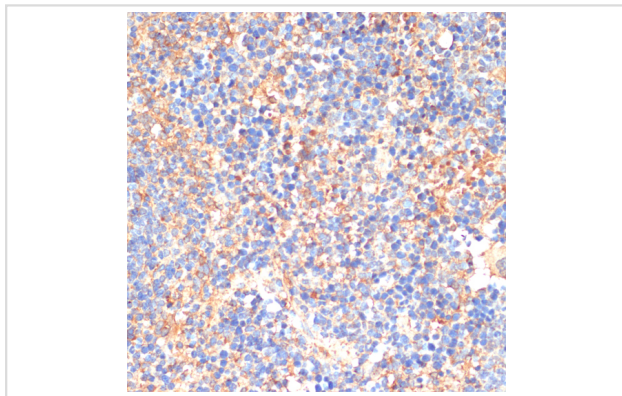
Images



Immunofluorescence analysis of THP-1 cells using SIGLEC3/CD33 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using SIGLEC3/CD33 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded mouse spleen using SIGLEC3/CD33 at dilution of 1:200 (40x lens).

Background

CD33 is a type I transmembrane glycoprotein that is found on granulocyte and macrophage precursors in the bone marrow, but is absent from pluripotent stem cells. CD33 is also expressed on monocytes in peripheral blood. It is used as a marker to distinguish myelogenous leukemia cells from lymphoid or erythroid leukemias. CD33 may function as a sialic acid-dependent cell adhesion molecule.

Note: This product is for in vitro research use only