

SIGLEC3/CD33 Polyclonal Antibody

Catalog No. E-AB-60582

Note: Centrifuge before opening to ensure complete recovery of vial contents.

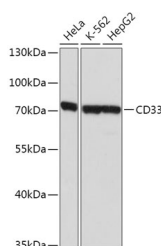
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein of human SIGLEC3/CD33 (NP_001763.3).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

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

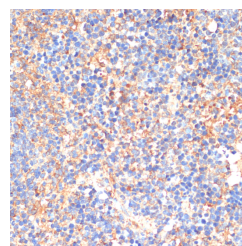
Data



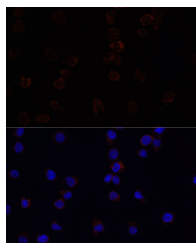
Western blot analysis of extracts of various cell lines using SIGLEC3/CD33 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:70kDa

Calculated Mw:25kDa/33kDa/39kDa



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



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

For Research Use Only

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

CD33 is a 67 kD type I transmembrane glycoprotein also known as Siglec-3, gp67, and p67. It is a sialoadhesion immunoglobulin superfamily member expressed on myeloid progenitors, monocytes, granulocytes, dendritic cells and mast cells. CD33 is absent on normal platelets, lymphocytes, erythrocytes and hematopoietic stem cells. CD33 functions as a sialic acid-dependent cell adhesion molecule with carbohydrate/lectin binding activity.

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