

SIGLEC3/CD33 Polyclonal Antibody

catalog number: E-AB-60582

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

Description

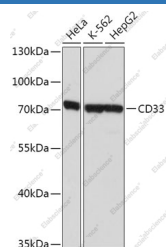
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human SIGLEC3/CD33 (NP_001763.3).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

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

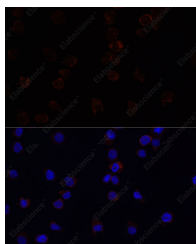
Data



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

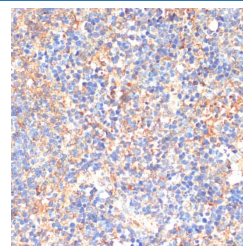
Observed-MW:70 kDa

Calculated-MW:25 kDa/33 kDa/39 kDa



Immunofluorescence analysis of THP-1 cells using SIGLEC3/CD33 Polyclonal Antibody at dilution of 1:100.

Blue: DAPI for nuclear staining.



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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Rev. V1.8

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.