

SIGLEC3/CD33 Polyclonal Antibody

Catalog Number:E-AB-60582



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

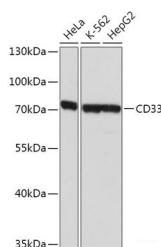
Description

| | |
|---------------------|---|
| Reactivity | Human,Mouse,Rat |
| Immunogen | Recombinant fusion protein of human SIGLEC3/CD33 (NP_001763.3). |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | 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 |

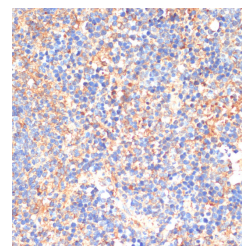
Data



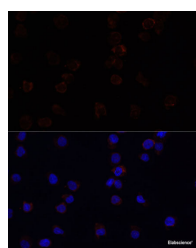
Western blot analysis of extracts of various cell lines using SIGLEC3/CD33 Polyclonal Antibody at dilution of 1:1000.

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.

Preparation & Storage

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

Background

For Research Use Only

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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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