

### Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, WB:1:500-1:2000,  
IHC:1:25-1:100

**Protein Background:**

CD33 or Siglec-3 is a transmembrane receptor expressed on cells of myeloid lineage. It is usually considered myeloid-specific, but it can also be found on some lymphoid cells. 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 acid, 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.

**Gene ID:**

CD33

**Uniprot**

P20138

**Synonyms:**

CD33 molecule

**Immunogen:**

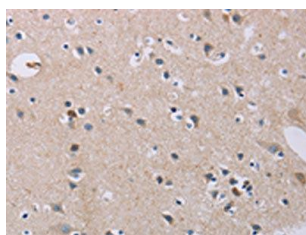
Fusion protein of human CD33.

**Storage:**

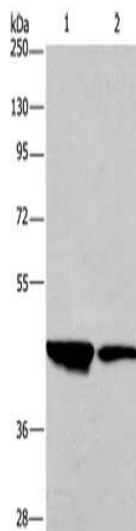
-20&deg; C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

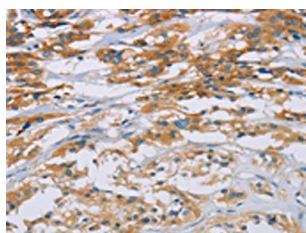
---



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO15981(CD33 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 &mu; g, Lane 1-2: Human testis tissue, Human placenta tissue, Primary antibody: PACO15981(CD33 Antibody) at dilution 1/450, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO15981(CD33 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x—200).