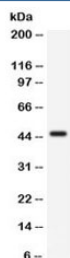


CD33 Antibody (R32380)

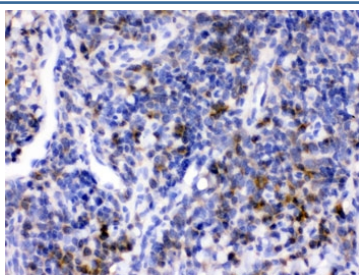
Catalog No.	Formulation	Size
R32380	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q63994
Localization	Cytoplasmic, membranous
Applications	Western Blot : 0.1-0.5ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This CD33 antibody is available for research use only.



Western blot testing of mouse lung lysate with CD33 antibody. Predicted molecular weight is 40-67 kDa depending on glycosylation level.



IHC testing of FFPE mouse spleen with CD33 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to testing.

Description

CD33, also known as Siglec-3 (sialic acid binding Ig-like lectin 3, SIGLEC3, SIGLEC-3, gp67, p67), 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. CD33 binds sialic acids, therefore is a member of the SIGLEC family of lectins. By fluorescence in situ hybridization, CD33 is mapped to 19q13.3-q13.4.

Application Notes

Optimal dilution of the CD33 antibody should be determined by the researcher.

Immunogen

Amino acids D18-E240 of the mouse protein were used as the immunogen for the CD33 antibody.

Storage

After reconstitution, the CD33 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.