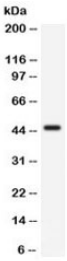
CD33 Antibody (R32380)

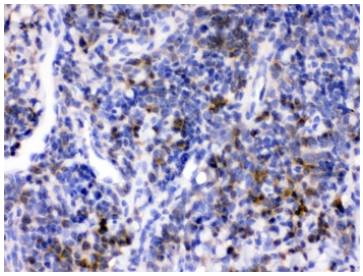
Catalog No.	Formulation	Size
R32380	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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