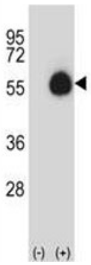
CD33 Antibody (F43049)

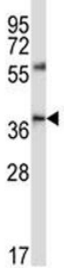
Catalog No.	Formulation	Size
F43049-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43049-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P20138
Applications	Western blot: 1:1000
Limitations	This CD33 antibody is available for research use only.



Western blot analysis of CD33 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the CD33 gene.



CD33 antibody western blot analysis in NCI-H460 lysate

Description

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 acids 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. Induces apoptosis in acute myeloid leukemia (in vitro). [UniProt]

Application Notes

Titration of the CD33 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 88-117 from the human protein was used as the immunogen for this CD33 antibody.

Storage

Aliquot the CD33 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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