

CD33 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58007

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q63994
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44824

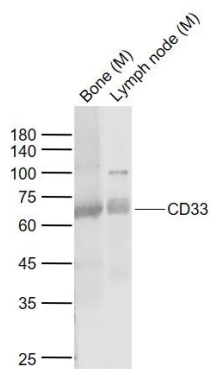
Additional Information

Gene ID	12489
Other Names	Myeloid cell surface antigen CD33, Sialic acid-binding Ig-like lectin 3, Siglec-3, CD33, Cd33, Siglec3
Dilution	WB=1:500-2000, Elisa=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ICC=1:100-500,
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Cd33
Synonyms	Siglec3
Function	Sialic-acid-binding immunoglobulin-like lectin (Siglec) that plays a role in mediating cell-cell interactions and in maintaining immune cells in a resting state (By similarity). Preferentially binds sialic acid to the short O-linked glycans of certain mucins (PubMed: 12773563).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P20138}; Single-pass type I membrane protein {ECO:0000250 UniProtKB:P20138}
Tissue Location	Expressed on myeloid precursors in the bone marrow. In the peripheral blood, mostly expressed on granulocytes

Images



Sample:

Lane 1: Bone (Mouse) Lysate at 40 ug

Lane 2: Lymph node (Mouse) Lysate at 40 ug

Primary: Anti-CD33 (AP58007) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 67 kD

Observed band size: 65 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.