CD33 Recombinant antibody, PBS Only

Catalog Number:84341-3-PBS

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Basic Information

Catalog Number: 84341-3-PBS	**GenBank Accession Number:** BC028152	**Purification Method:** Protein A purfication
Size: 1 mg/ml	**GeneID (NCBI):** 945	**CloneNo.:** 241711D2
Source: Rabbit	**UNIPROT ID:** P20138	
Isotype: IgG	**Full Name:** CD33 molecule	
	Calculated MW: 364 aa, 40 kDa	
	Observed MW: 55-75 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

CD33, also referred to as Siglec-3, is a 67-kDa glycosylated transmembrane protein of sialic acid-binding immunoglobulin-like lactic (siglec) family. CD33 is expressed on monocytes, myeloid progenitors, granulocytes, mast cells, some T cells. It may mediate cell-to-cell adhesion and act as a receptor that inhibits the proliferation of normal and leukemic myeloid cells.

Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

Selected Validation Data
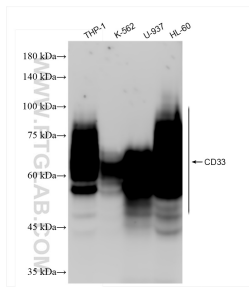
Various lysates were subjected to SDS PAGE followed by western blot with 84341-3-RR (CD33 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84341-3-PBS in a different storage buffer formulation.
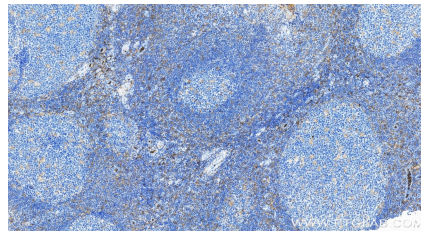
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84341-3-RR (CD33 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84341-3-PBS in a different storage buffer formulation.
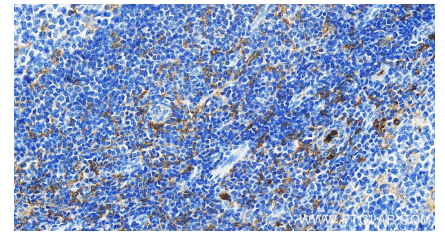
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84341-3-RR (CD33 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84341-3-PBS in a different storage buffer formulation.