

For Research Use Only

CoraLite®700 Anti-Human CD33 Rabbit Recombinant Antibody

Catalog Number:CL700-98184



Basic Information

Catalog Number: CL700-98184	GenBank Accession Number: BC028152	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 945	CloneNo.: 241711C12
Source: Rabbit	UNIPROT ID: P20138	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: CD33 molecule	Excitation/Emission maxima wavelengths: 702 nm / 723 nm
Immunogen Catalog Number: EG2138	Calculated MW: 364 aa, 40 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
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 lectin (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 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

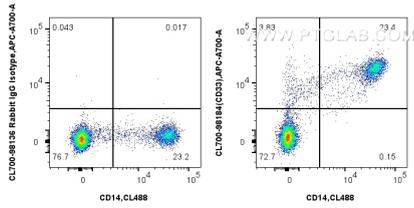
T: 4006900926

E: Proteintech-CN@ptglab.com

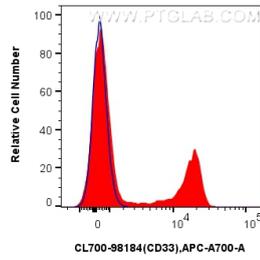
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD14, and 5 ul CoraLite® 700 Anti-Human CD33 Rabbit RecAb (CL700-98184, Clone: 241711C12) or CoraLite® 700 Rabbit IgG Isotype Control Recombinant Antibody (CL700-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® 700 Anti-Human CD33 Rabbit RecAb (CL700-98184, Clone: 241711C12) (red) or CoraLite® 700 Rabbit IgG Isotype Control Recombinant Antibody (CL700-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.