Product Datasheet

CD33 Rabbit mAb

Catalog No: #62255

Package Size: #62255-1 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CD33 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4561
Purification	Protein A affinity purified.
Applications	WB;IF;FC
Species Reactivity	Human
Immunogen Type	Protein
Immunogen Description	Recombinant protein within human CD33
Conjugates	unconjugated
Target Name	CD33
Uniprot	P20138
Calculated MW	40 kDa
Concentration	1ug/ul
Formulation	PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

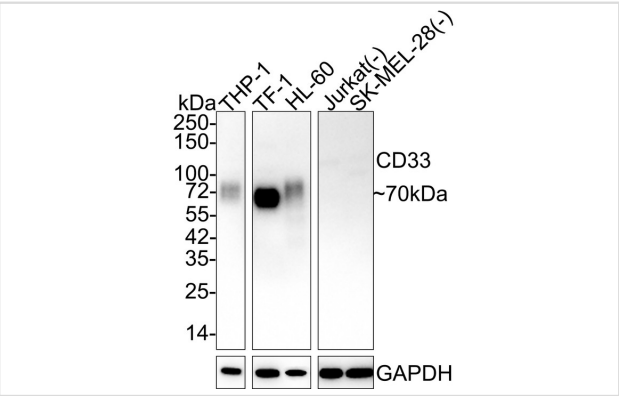
Application Details

WB 1:2000;

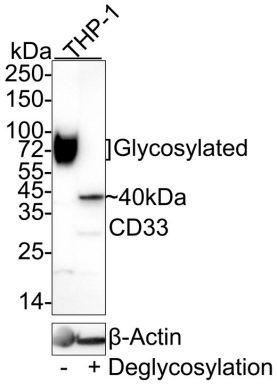
IF 1:200;

FC 1:1000;

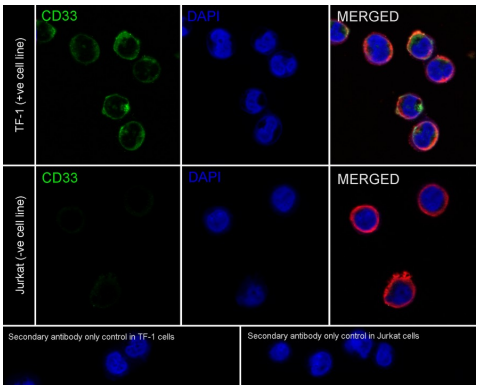
Images



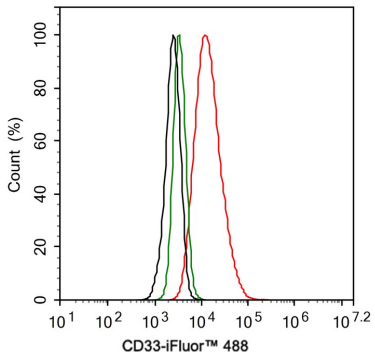
Western blot analysis of CD33 on different lysates with CD33 at 1/2,000 dilution.
Lane 1: THP-1 cell lysate
Lane 2: TF-1 cell lysate
Lane 3: HL-60 cell lysate
Lane 4: Jurkat cell lysate (negative)
Lane 5: SK-MEL-28 cell lysate (negative)
Lysates/proteins at 20 ug/Lane.
Predicted band size: 40 kDa
Observed band size: 70 kDa



Western blot analysis of CD33 on different lysates with CD33 at 1/1,000 dilution.
Lane 1: THP-1 cell lysate
Lane 2: THP-1 cell lysate treated with deglycosylation
Predicted band size: 40 kDa
Observed band size: 40/70 kDa (Glycosylated)



Immunocytochemistry analysis of TF-1 (positive) and Jurkat (negative) labeling CD33 at 1/200 dilution.
Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with CD33 at 1/200 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow cytometric analysis of TF-1 cells labeling CD33.
Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (1ug/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).

Note: This product is for in vitro research use only