

CD300a Rabbit mAb

Catalog No.: A25752 **Recombinant**

Basic Information

Observed MW

40-70kDa

Calculated MW

33kDa/20kDa/12kDa/16.5kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Human

CloneNo number

ARC67454

Background

This gene encodes a member of the CD300 glycoprotein family of cell surface proteins found on leukocytes involved in immune response signaling pathways. This gene is located on chromosome 17 in a cluster with all but one of the other family members. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
FC	1:1000 - 1:5000

Immunogen Information

Gene ID

11314

Swiss Prot

Q9UGN4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 18-178 of human CD300A (NP_009192.2).

Synonyms

IRC1; IRC2; CLM-8; IRp60; IGSF12; CMRF35H; CMRF-35H; CMRF35-H; CMRF35H9; CMRF35-H9; IRC1/IRC2; CMRF-35-H9

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

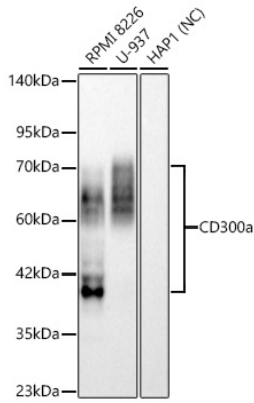
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using CD300a Rabbit mAb (A25752) at 1:1000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.

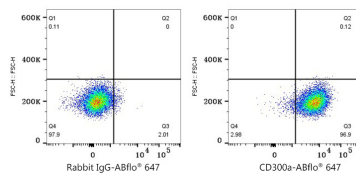
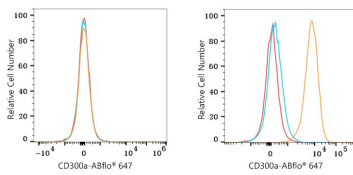
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020)

Negative control (NC): HAP1

Exposure time: 90 s.



Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and RPMI 8226 cells (right) were surface-stained with CD300a Rabbit mAb (A25752, 2 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2 µg/mL, blue line), followed by followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 RPMI 8226 cells were surface-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or CD300a Rabbit mAb (A25752, 2 µg/mL, right), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.