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CD2 Rabbit mAb

Catalog No.: A23158 Recombinant

Basic Information

Observed MW
48-65kDa

Calculated MW
39kDa

Category
Primary antibody

Applications
ELISA,WB,FC

Cross-Reactivity
Human

CloneNo number
ARC59333

Background

The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene.

Recommended Dilutions

WB	1:500 - 1:1000
FC	1:100 - 1:500

Immunogen Information

Gene ID
914

Swiss Prot
P06729

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 25-209 of human CD2 (NP_001758.2).

Synonyms
T11; SRBC; LFA-2

Contact

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Product Information

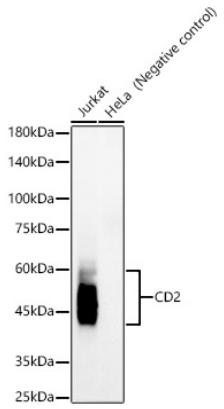
Source
Rabbit

Isotype
IgG

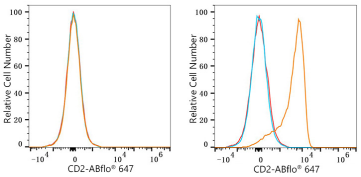
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

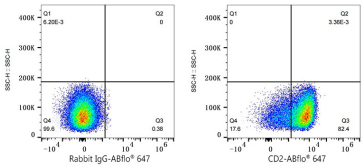
Validation Data



Western blot analysis of various lysates, using CD2 Rabbit mAb (A23158) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Flow cytometry: 1X10^6 K-562 cells (negative control,left) and Jurkat cells (right) were surface-stained with CD2 Rabbit mAb (A23158,2 µg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Jurkat cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or CD2 Rabbit mAb (A23158,2 µg/mL,right).