CD2 Rabbit mAb

Catalog NO.: A23527 Recombinant

Basic Information

Observed MW
45-65kDa

Calculated MW
38kDa

Category
Monoclonal Antibodies

Applications
WB, FC, ELISA

Cross-Reactivity
Mouse

Conjugation
Unconjugated

Clone number
ARC60614

Background

Enables identical protein binding activity. Predicted to be involved in T cell activation; heterotypic cell-cell adhesion; and positive regulation of cytokine production. Located in several cellular components, including cell-cell junction; cytoplasmic side of plasma membrane; and external side of plasma membrane. Is anchored component of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; hemolymphoid system gland; and liver and biliary system. Orthologous to human CD2 (CD2 molecule).

Recommended Dilutions

WB	1:1000 - 1:6000
FC	1:500 - 1:1000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
12481

Swiss Prot
P08920

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Ly37; LFA-2; Ly-37; CD2

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

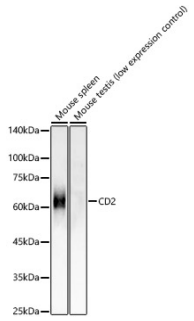
Source
Rabbit

Isotype
IgG

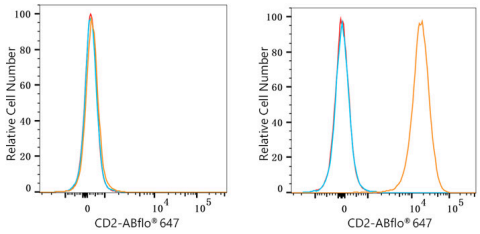
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

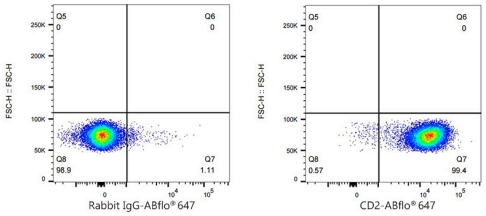
Validation Data



Western blot analysis of various lysates, using CD2 Rabbit mAb (A23527) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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: 5s.



Flow cytometry: 1X10^6 4T1 cells (negative control,left) and C57BL/6 mouse Splenocytes (right) were surface-stained with CD2 Rabbit mAb (A23527,2 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 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or CD2 Rabbit mAb (A23527,2 µg/mL,right).