Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Human CD50(ICAM-3) mAb

Catalog No.: A25708

Basic Information

Observed MW

Calculated MW
60kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC67042

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

Background

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
3385

Swiss Prot
P32942

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

Synonyms
CD50; CDW50; ICAM-R

Contact

400-999-6126

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Product Information

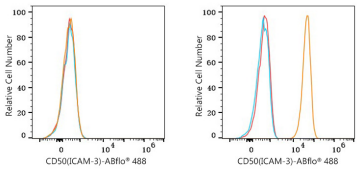
Source
Rabbit

Isotype
IgG

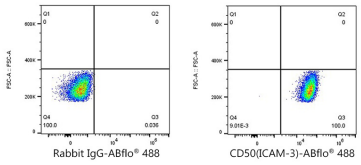
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10^6 Daudi cells (negative control,left) and U-937 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD50(ICAM-3) mAb (A25708,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 U-937 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD50(ICAM-3) mAb (A25708,5 µl/Test,right).