Leader in Biomolecular Solutions for Life Science

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ABflo® 647 Rabbit anti-Human CD48 mAb

Catalog No.: A21946

Basic Information

Observed MW

Calculated MW
28kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC53039

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Background

This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

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

Immunogen Information

Gene ID
962

Swiss Prot
P09326

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

Synonyms
BCM1; BLAST; hCD48; mCD48; BLAST1; SLAMF2; MEM-102

Contact

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Product Information

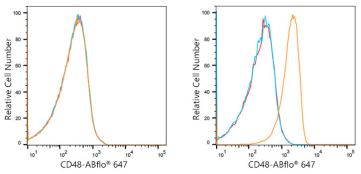
Source
Rabbit

Isotype
IgG

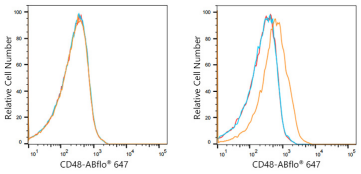
Purification
Affinity purification

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 K-562 cells (negative control,left) and Human PBMC (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD48 mAb(A21946,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:1X10^6 K-562 cells (negative control,left) and Daudi cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD48 mAb(A21946,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).