

CD48 Rabbit mAb

Catalog No.: A4084 **Recombinant**

Basic Information

Observed MW

46kDa

Calculated MW

19kDa/27kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Human, Mouse

CloneNo number

ARC53030

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

WB	1:2000 - 1:20000
FC	1:50 - 1:200

Immunogen Information

Gene ID

962

Swiss Prot

P09326

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 27-220 of human CD48 (NP_001769.2).

Synonyms

BCM1; BLAST; hCD48; mCD48; BLAST1; SLAMF2; MEM-102; CD48

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

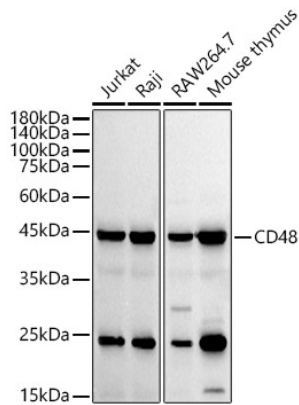
Affinity purification

Storage

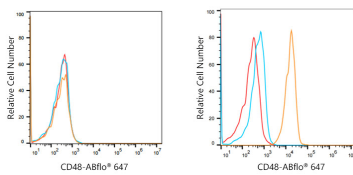
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of various lysates, using CD48 antibody (A4084) at 1:20000 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: 30s.



Flow cytometry: 1×10^6 K-562 cells (negative control, left) and Daudi cells (right) were surface-stained with CD48 Rabbit mAb (A4084, 10 µg/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (AC042, 10 µg/mL, blue line). Non-fluorescently stained cells were used as blank control (red line).