

CD9 Rabbit mAb

Catalog No.: A24130 **Recombinant**

Basic Information

Observed MW

23kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Human

CloneNo number

ARC65641

Background

This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.

Recommended Dilutions

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

Immunogen Information

Gene ID

928

Swiss Prot

P21926

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-228 of human CD9(NP_001760.1).

Synonyms

MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29; CD9

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

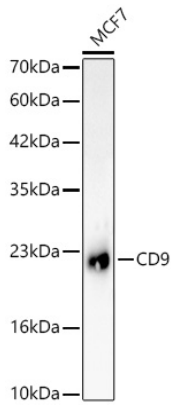
Affinity purification

Storage

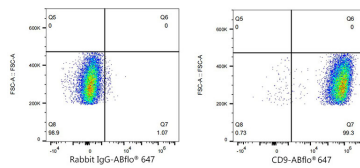
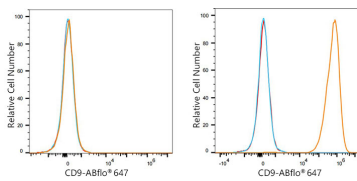
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of lysates from MCF7 cells using CD9 Rabbit mAb(A24130) at 1:1000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure time:90s.



Flow cytometry: 1×10^6 CHO cells (negative control, left) and CHO (Transfection, right) cells were surface-stained with CD9 Rabbit mAb (A24130, 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: 1×10^6 CHO (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or CD9 Rabbit mAb (A24130, 2 µg/mL, right).