

ABflo® 647 Rabbit anti-Mouse E-Cadherin/CD324 mAb

Catalog No.: A26484

Basic Information

Observed MW

Calculated MW

98kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC68219-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes E-cadherin, a calcium-dependent cell adhesion molecule that functions in the establishment and maintenance of epithelial cell morphology during embryogenesis and adulthood. The encoded preproprotein undergoes proteolytic processing to generate a mature protein. Targeted mutations disrupting binding of calcium to the encoded protein in mice cause death in utero due to failed blastocyst and trophoctoderm formation. This gene is located adjacent to a related cadherin gene on chromosome 8.

Immunogen Information

Gene ID

12550

Swiss Prot

P09803

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 157-369 of mouse E-Cadherin/CD324 (NP_033994.1).

Synonyms

Um; UVO; Ecad; ARC-1; E-cad; L-CAM

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

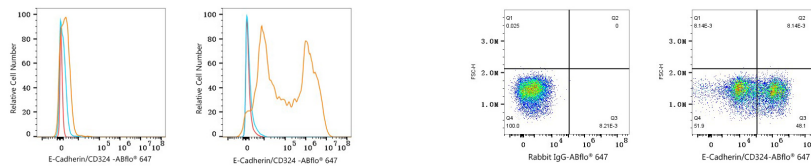
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ CHO-S (negative control, left) and CHO-S (Transfection, right) cells were surface-stained with ABflo® 647 Rabbit anti-Mouse E-Cadherin/CD324 mAb (A26484, 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: 1X10⁶ CHO-S (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Mouse E-Cadherin/CD324 mAb (A26484, 5 µl/Test, right).