

ABflo® 647 Rabbit anti-Human/Mouse CD276/B7-H3 mAb

Catalog No.: A22157

Basic Information

Observed MW

Refer to figures

Calculated MW

33kDa/52kDa/57kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Mouse

CloneNo number

ARC54779

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Background

The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen Information

Gene ID

80381

Swiss Prot

Q5ZPR3-2

Immunogen

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

Synonyms

B7H3; B7-H3; B7RP-2; 4Ig-B7-H3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

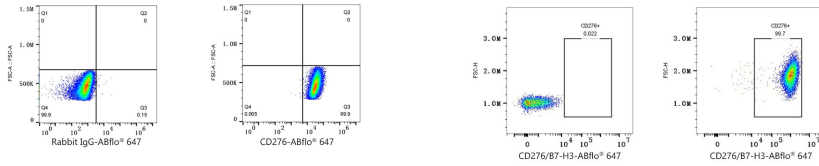
Affinity purification

Storage

Store at 2-8°C. 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: 1×10^6 C2C12 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human/Mouse CD276/B7-H3 mAb (A22157, 5 μ l/Test, right).

Flow cytometry: 1×10^6 Human PBMC (left) and Human monocyte-derived immature dendritic cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human/Mouse CD276/B7-H3 mAb (A22157, 5 μ l/Test).