

ABflo® 647 Rabbit anti-Mouse CD80/B7-1 mAb

Catalog No.: A23966

Basic Information

Observed MW

Calculated MW

34kDa/24kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC61485

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Predicted to enable coreceptor activity. Acts upstream of or within T cell costimulation; cellular response to lipopolysaccharide; and positive regulation of alpha-beta T cell proliferation. Located in external side of plasma membrane. Is expressed in heart ventricle and skin. Human ortholog(s) of this gene implicated in type 1 diabetes mellitus. Orthologous to human CD80 (CD80 molecule).

Immunogen Information

Gene ID

12519

Swiss Prot

Q00609

Immunogen

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

Synonyms

B71; Ly53; TSA1; Cd28l; Ly-53; MIC17

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

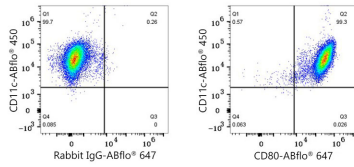
Affinity purification

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: 1X10⁶ C57BL/6 mouse Bone Marrow-derived Dendritic Cells were surface-stained with ABflo® 450 anti-Mouse CD11c mAb (A27804, 0.5 µg) and ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Mouse CD80 mAb (A23966, 5 µl/Test, right).