

ABflo® 488 Rabbit anti-Mouse CD86 mAb

Catalog No.: A28599

Basic Information

Observed MW

Calculated MW

35 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC63623

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC ≤0.25 µg per million cells
in 100 µl volume

Background

Predicted to enable signaling receptor binding activity. Involved in several processes, including CD40 signaling pathway; activation of phospholipase C activity; and positive regulation of macromolecule metabolic process. Acts upstream of or within several processes, including cellular response to lipopolysaccharide; defense response to virus; and positive regulation of T cell proliferation. Located in external side of plasma membrane and intracellular membrane-bounded organelle. Is expressed in central nervous system and retina. Used to study Guillain-Barre syndrome. Human ortholog(s) of this gene implicated in several diseases, including Henoch-Schoenlein purpura; autoimmune disease (multiple); chronic lymphocytic leukemia; chronic obstructive pulmonary disease; and systemic sclerosis. Orthologous to human CD86 (CD86 molecule).

Immunogen Information

Gene ID

12524

Swiss Prot

P42082

Immunogen

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

Synonyms

B7; B70; MB7; B7-2; B7.2; CLS1; Ly58; ETC-1; Ly-58; MB7-2; Cd28l2; TS/A-2; CD86

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

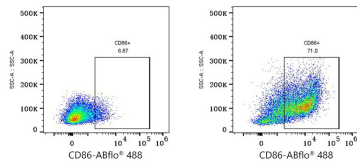
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes (untreated, left) and C57BL/6 mouse splenocytes (treated with 1 µg/ml LPS for 3 days, right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD86 mAb (A28599, 0.25 µg).