APC Rabbit anti-Mouse CD86 mAb

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Catalog No.: A25824

Basic Information

Observed MW

Refer to figures

Calculated MW

35kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC63618

Conjugate

APC. Ex:650nm. Em:660nm.

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 scleroderma. Orthologous to human CD86 (CD86 molecule).

Recommended Dilutions

FC

5 μl per 10^6 cells in 100 μl volume

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

a		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

Product Information

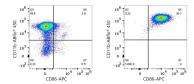
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

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:1X10^6 C57BL/6 Mouse Bone Marrow cells (negative control,left) and C57BL/6 Mouse Bone Marrow-Derived M0 Macrophages (right) were surface-stained with ABflo® 450 Rabbit anti-Mouse CD11b mAb (A26229,5 µl/Test) and APC Rabbit anti-Mouse CD86 mAb (A25824,5 µl/Test).