PE Rat anti-Mouse CD86 mAb

Catalog NO.: A27137 **3 Publications**

Basic Information

Observed MW

Calculated MW
35kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
PE. Ex:565nm. Em:574nm.

Clone number
ATC0032

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

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

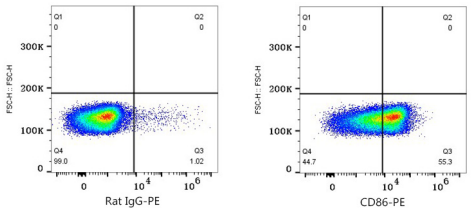
Source
Rat

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: 1X10^6 C57BL/6 mouse splenocytes (treated with LPS for 3 days,right) were surface-stained with PE Rat IgG isotype control (2 µg/Test,left) or PE Rat anti-Mouse CD86 mAb (A27137,5 µl/Test,right).

For research use only. Not for therapeutic or diagnostic purposes.

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