

PE-Cyanine7 Rat anti-Mouse CD86 mAb

Catalog No.: A27409

Basic Information

Observed MW

Calculated MW

35kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0032

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Recommended Dilutions

FC 0.25 µg per 10⁶ 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

Rat

Isotype

IgG

Purification

Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: Phosphate-buffered solution, containing 0.09% sodium azide, pH 7.2.

Validation Data

