

# 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 10<sup>6</sup> 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

Rat / IgG2a, kappa

### 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

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