

# APC anti-Mouse CD80/B7-1 mAb

Catalog No.: A25658

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ACC0004

### Conjugate

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

## Recommended Dilutions

**FC** The suggested use of this reagent is  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in  $100 \mu\text{l}$  volume

## Background

Predicted to enable coreceptor activity. Acts upstream of or within T cell costimulation; cellular response to lipopolysaccharide; and positive regulation of alpha-beta T cell proliferation. Located in external side of plasma membrane. Is expressed in heart ventricle and skin. Human ortholog(s) of this gene implicated in type 1 diabetes mellitus. Orthologous to human CD80 (CD80 molecule).

## Immunogen Information

### Gene ID

12519

### Swiss Prot

Q00609

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

B71; Ly53; TSA1; Cd28l; Ly-53; MIC17; CD80

## Contact

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## Product Information

### Source

Armenian Hamster

### Isotype

Armenian hamster / IgG

### Purification

Affinity purification

### Storage

Store at 4°C. Avoid freeze / thaw cycles.

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