

# APC Rat anti-Mouse Arginase-1 mAb

Catalog No.: A28429

## Basic Information

### Observed MW

### Calculated MW

34 KDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### Conjugate

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

## Background

Enables arginase activity. Involved in defense response to protozoan; negative regulation of T-helper 2 cell cytokine production; and negative regulation of activated T cell proliferation. Predicted to be located in several cellular components, including extracellular space; mitochondrial outer membrane; and neuronal cell body. Predicted to be active in cytosol. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; integumental system; and sensory organ. Used to study hyperargininemia. Human ortholog(s) of this gene implicated in asthma; hepatocellular carcinoma; and hyperargininemia. Orthologous to human ARG1 (arginase 1).

## Recommended Dilutions

**FC (intra)** ≤1 µg per million cells in  
100 µl volume

## Immunogen Information

### Gene ID

11846

### Swiss Prot

Q61176

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

AI; PGIF; Arg-1; Arginase-1

## 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: PBS with BSA,pH7.2.