

APC 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) $\leq 1 \mu\text{g}$ 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.