

APC anti-Mouse PD-1/CD279 mAb

Catalog No.: A27445

Basic Information

Observed MW

Calculated MW

32kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ACC0013

Conjugate

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

Background

Predicted to enable signaling receptor activity. Involved in negative regulation of immune response. Acts upstream of or within negative regulation of B cell apoptotic process; negative regulation of tolerance induction; and positive regulation of T cell apoptotic process. Located in external side of plasma membrane. Is expressed in retina. Used to study dilated cardiomyopathy and systemic lupus erythematosus. Human ortholog(s) of this gene implicated in autoimmune disease (multiple); hepatitis B; hepatitis C; hepatocellular carcinoma; and lupus nephritis. Orthologous to human PDCD1 (programmed cell death 1).

Recommended Dilutions

FC 0.5 µg per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

18566

Swiss Prot

Q02242

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

PD-1; Pdc1; Ly101

Contact

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Product Information

Source

Armenian hamster

Isotype

Armenian hamster / IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, pH7.2.

Validation Data

