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PD-1/CD279 Rabbit mAb

Catalog No.: A23007 Recombinant 1 Publications

Basic Information

Observed MW
35kDa

Calculated MW
32kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC56369

Background

Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity.

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
5133

Swiss Prot
Q15116

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
PD1; PD-1; CD279; SLEB2; hPD-1; hPD-l; hSLE1; PD-1/CD279

Contact

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Product Information

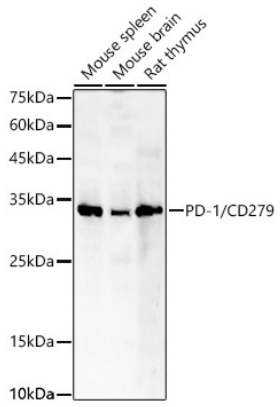
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using PD-1/CD279 Rabbit mAb (A23007) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 180s.

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