

PD-1/CD279 Mouse mAb

Catalog No.: A20217 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

32kDa

Category

Primary antibody

Applications

IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

AMC0439

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

IHC-P 1:50 - 1:200

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

Recombinant fusion protein containing a sequence corresponding to amino acids 25-168 of human PD-1/CD279 (NP_005009.2).

Synonyms

PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1; PD-1/CD279

Contact

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Product Information

Source

Mouse

Isotype

IgG1,Kappa

Purification

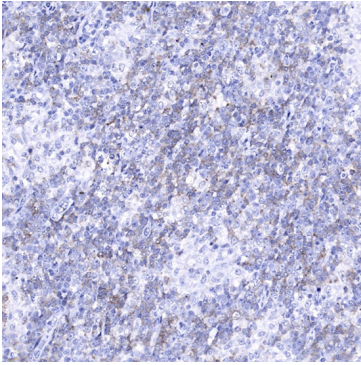
Affinity purification

Storage

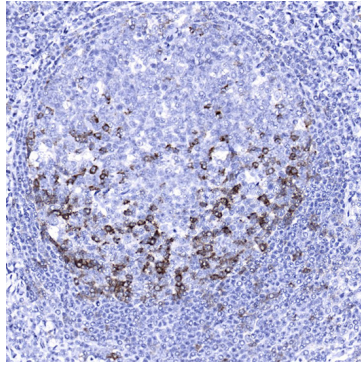
Store at -20°C Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerolpH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human T-cell malignant lymphoma using PD-1/CD279 Mouse mAb (A20217) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using PD-1/CD279 Mouse mAb (A20217) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.