A20217

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PD-1/CD279 Mouse mAb

Catalog No.: A20217 2 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
32kDa

Category
Monoclonal 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 protein (or fragment).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

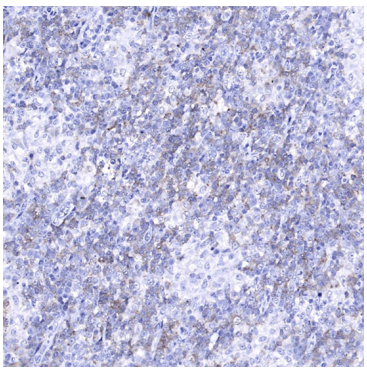
Source
Mouse

Isotype
IgG1,Kappa

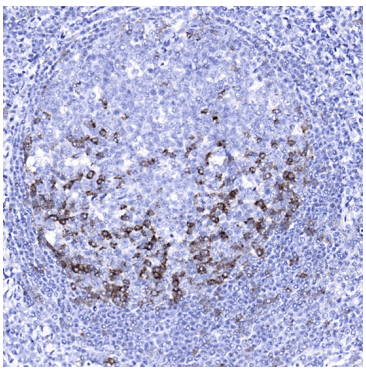
Purification
Affinity purification

Storage
Store at -20℃ 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 buffer (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 buffer (pH 6.0) prior to IHC staining.