

A20223

Leader in Biomolecular Solutions for Life Science



PD-1/CD279 Mouse mAb

Catalog No.: A20223

Basic Information

Observed MW

52-65kDa

Calculated MW

32kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC0527

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

Immunogen Information

Gene ID

5133

Swiss Prot

Q15116

Immunogen

Recombinant protein of human PD-1/CD279.

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG2b, Kappa

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.