

ABflo® 488 Rabbit anti-Human/Monkey PD-1/CD279 mAb

Catalog No.: A25732 **1 Publications**

Basic Information

Observed MW

Calculated MW
32kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Cynomolgus

CloneNo number
ARC64145

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID 5133	Swiss Prot Q15116
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Immunogen

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

Synonyms

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

Contact

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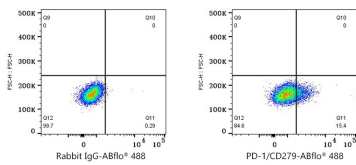
Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10⁶ MOLT-4 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human PD-1/CD279 mAb (A25732,5 µl/Test,right).