Leader in Biomolecular Solutions for Life Science

www.abclonal.com

PE/Cyanine7 Rabbit anti-Human/Monkey PD-1/CD279 mAb

Catalog No.: A27661

Basic Information

Observed MW

Calculated MW
32kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Cynomolgus

CloneNo number
ARC64145

Conjugate
PE-Cy7. Ex:565nm. Em:778nm.

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 10^6 cells in 100 µl volume

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

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

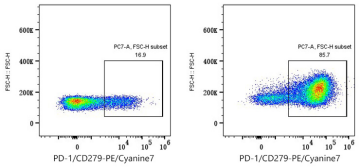
Source
Rabbit

Isotype
IgG

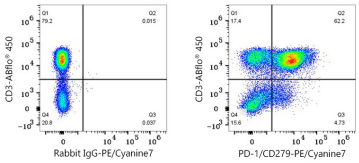
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 Human PBMC (untreated,left) and Human PBMC (treated with 5 μg/mL PHA for 72 hours,right) were surface-stained with PE/Cyanine7 Rabbit anti-Human/Monkey PD-1/CD279 mAb (A27661,5 μl/Test). Cells in the lymphocyte gate were used for analysis.



Flow cytometry:1X10^6 Cynomolgus PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 μl/Test) and PE/Cyanine7 Rabbit IgG isotype control (5 μl/Test,left) or PE/Cyanine7 Rabbit anti-Human/Monkey PD-1/CD279 mAb (A27661,5 μl/Test,right). Cells in the lymphocyte gate were used for analysis.