

## APC Anti-Mouse CD279 (PD-1) Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M12791-11A	25 µg
M12791-11C	100 µg

<b>Market</b>	400-621-0003 marketing@sungenebiotech.com
<b>Support</b>	022-66211636-8024 techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

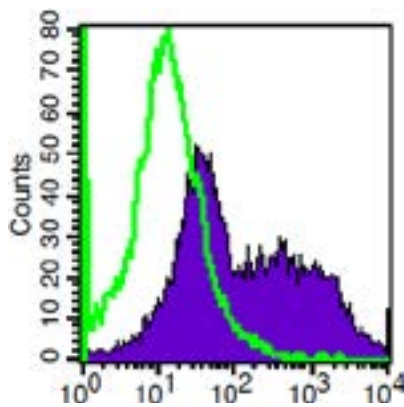
### Purified Antibody Characterization

Clone	Isotype	Reactivity
J43	Hamster IgG	Mouse

### Description

CD279 is a 50-55 kD immunoglobulin superfamily member, also known as programmed death-1 (PD-1). PD-1 is expressed on a subset of CD4-CD8- thymocytes, and on activated T and B cells. PD-1 is thought to be involved in lymphocyte clonal selection and peripheral tolerance. The PD-1 ligands, PD-L1 (also known as B7-H1) and PD-L2 (B7-DC), are members of the B7 immunoglobulin superfamily.

### Illustration of Immunofluorescent Staining



#### Log Fluorescence Intensity

Con A-stimulated C57BL/6 mouse splenocytes (3 days)  
stained with APC anti-mouse CD279(PD-1)

### Product Information

**Conjugation:** APC

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>,  
0.2% BSA

**Concentration:** 0.2 mg/ml

**Storage:** Keep as concentrated solution.  
Store at 4°C and protected from prolonged  
exposure to light. **Do not freeze.**

**Application:** Recommended Application: FC

**Usage:** Each lot of this antibody is quality  
control tested by immunofluorescent staining  
with flow cytometric analysis (The amount of  
the reagent is suggested to be used ≤ 0.25  
µg /10<sup>6</sup> cells in 100 µl). Since applications  
vary, the appropriate dilutions must be  
determined for individual use.

### References

- [1] Barclay, A., et al. 1997. The Leukocyte Antigen FactsBook, Academic Press.
- [2] Agata, Y., et al. 1996. Int. Immunol. 8:765.
- [3] Nishimura, H., et al. 2001. Science 291:319.
- [4] Ishida, Y., et al. 1992. EMBO J. 11:3887.

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