Store at 4°C

FITC Anti-Mouse CD279 (PD-1) Monoclonal Antibody

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精准 高效 稳定 Precision Efficient Stable

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Catalog Number	Vial Size
M12791-02B	50 µg
M12791-02E	500 µg

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

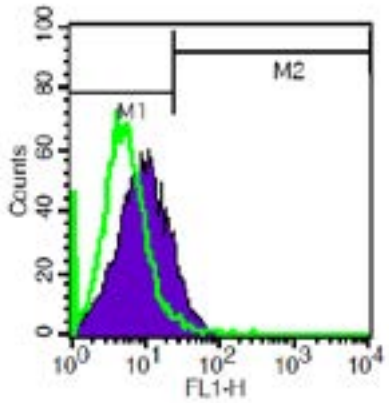
Purified Antibody Characterization

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 Fluoresence Intensity

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

Product Information

Conjugation: FITC

Formulation: PBS pH 7.2, 0.09% NaN_3, 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 /10^6 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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