Store at 4°C

Biotin Anti-Mouse CD28 Monoclonal Antibody

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精准 高效 稳定 Precision Efficient Stable

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Catalog Number	Vial Size
M10282-08B	50 µg
M10282-08E	500 µg

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

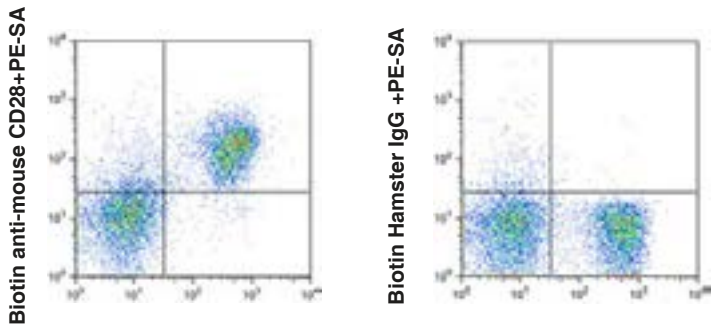
Purified Antibody Characterization

Clone	Isotype	Reactivity
37.51	Hamster IgG	Mouse

Description

CD28 is a 44 kD glycoprotein, also known as Tp44 or T44. It is a member of the Ig superfamily, expressed on thymocytes, most peripheral T cells, and NK cells. In association with CD80 (B7-1) and CD86 (B7-2), CD28 acts as the second signal for T and NK cell activation and proliferation. The 37.51 antibody has been reported to augment in vitro T cell proliferation and cytokine production, and promote CTL development.

Illustration of Immunofluorescent Staining



C57BL/6 mouse splenocytes stained with APC anti-mouse CD3 and Biotin anti-mouse CD28 (left) or Biotin Hamster IgG isotype control (right), followed by PE-SA

Product Information

Conjugation: Biotin

Formulation: PBS pH 7.2, 0.09% NaN_3, 0.2% BSA

Concentration: 0.5 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 ≤ 1.0 µg /10^6 cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

[1] Barclay AN, et al. 1997. The Leukocyte Antigen FactsBook Academic Press.
[2] Lenschow DJ, et al. 1996. Annu. Rev. Immunol. 14:233.
[3] Gross JA, et al. 1992. J. Immunol. 149:380.

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