

Manufacturer/Supplier:

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Product name: Anti-Mouse CD28 Monoclonal Antibody(Biotin
Conjugated)

Catalog: DL20418F

Synonyms: T-cell-specific surface glycoprotein
CD28, Cd28, CD28

Background: 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.

Form: Liquid

Isotype: Syrian Hamster IgG

Size: 50µg/100µg

Host: Hamster

Reactivity: Mouse

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Biotin

SwissProt: P31041

Buffer: PBS with 0.05% Proclin300, 1% BSA

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{L}$ volume or $100 \mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at $2\sim 8^{\circ}\text{C}$ and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.