DEVELOP

Manufacturer/Supplier:

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Product name:	Anti-Mouse CD28 Monoclonal Antibody(PE/Cyanine5 Conjugated)
Catalog:	DL20431F
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: 25μg/50μg/100μg/200μg

Host: Hamster

Reactivity: Mouse

Application: FCM

Concentration: 0.2 mg/mL

Conjugation: PE/Cyanine5

SwissProt: P31041

Buffer: PBS with 0.05% Proclin300, 1% BSA

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results or refer to the dilution we used in the experiment.

Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD28 Monoclonal Antibody(PE/Cyanine5 Conjugated)[Used at $0.2 \ \mu g/10^6$ cells dilution]and Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjuaged). Splenocytes stained with Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjuaged)(right) are used as control.

Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.