

Manufacturer/Supplier:

WUXI DONGLIN SCI&TECH DEVELOPMENT CO., LTD

Address: A1-203 Mingpin CityII, No.8 Xihudong Road, Liangxi District
Wuxi Jiangsu Province, China

TELE: 86-510-82732223

FAX: 86-510-82720101-8014

Web : www.dldevelop.com

Email: info@dldevelop.com.cn service@dldevelop.com.cn

Product name: Anti-Mouse CD28 Monoclonal
Antibody(PE/Cyanine5 Conjugated)

Catalog: DL20422F

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:

Host: Hamster

20Tests/50Tests/100Tests/200Test
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Reactivity: Mouse

Application: FCM

Concentration:

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. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD28 Monoclonal Antibody(PE/Cyanine5 Conjugated) and Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjuaged)(left). Splenocytes stained with Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjugated)(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.