

A Reliable Research Partner in Life Science and Medicine

APC Anti-Mouse CD28 Antibody[37.51]

Catalog Number: E-AB-F1026UE

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse

HostSyrian HamsterIsotypeSyrian Hamster IgG

Clone No. 37.51

Isotype Control [Product E-AB-F09763E]

Conjugation APC

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

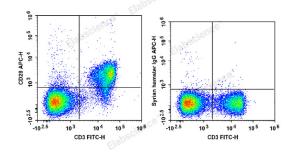
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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 [The recommended concentration is $0.1-1 \mu g/10^6$ cells

eagent to obtain optimal results [The recommended concentra

in 100 μL volume].

Data



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD3 Antibody and APC Anti-Mouse CD28 Antibody (Left). Splenocytes are stained with FITC Anti-Mouse CD3 Antibody and APC Syrian Hamster IgG Isotype Control (Right).

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

Alternate Names CD28;Cd28;T-cell-specific surface glycoprotein CD28

 Uniprot ID
 P31041

 Gene ID
 12487

For Research Use Only

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Background

CD28 is a 44 kD glycoprotein, also known as Tp44 or T44. It is a member of the lg 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.