

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Mouse CD28 Antibody[37.51]

Catalog Number: E-AB-F1026UL

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

Description

Reactivity Mouse

Host Syrian Hamster Isotype Syrian Hamster IgG

37.51 Clone No.

Isotype Control Elab Fluor® 488 Syrian Hamster IgG Isotype Control[SHG-1] [Product E-AB-F09763L]

Conjugation Elab Fluor®488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

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

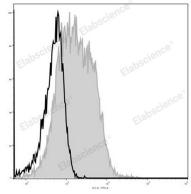
Applications Recommended usage

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 in 100 µL volume].

Data

control.



C57BL/6 murine splenocytes are stained with Elab Fluor® 488 Anti-Mouse CD28 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as

Preparation & Storage

Keep as concentrated solution. Storage

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

exposure to light and do not freeze.

Shipping Ice 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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Elabscience Bionovation Inc.



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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.

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