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FITC Anti-Mouse CD86 Antibody[GL-1]

Catalog No.E-AB-F0994CReactivityMouseStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

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

Antigen Information

Alternate Names T-lymphocyte activation antigen CD86,Cd86,Activation B7-2 antigen,Early T-cell costimulatory

molecule 1,ETC-1

Uniprot ID P42082

Background CD86 is an 80 kD immunoglobulin superfamily member also known as B7-2, B70, and Ly-58.

CD86 is expressed on activated B and T cells, macrophages, dendritic cells, and astrocytes. CD86, along with CD80, is a ligand of CD28 and CD152 (CTLA-4). CD86 is expressed earlier in the immune response than CD80. CD86 has also been shown to be involved in immunoglobulin class-switching and triggering of NK cell-mediated cytotoxicity. CD86 binds to CD28 to transduce costimulatory signals for T cell activation, proliferation, and cytokine production. CD86 can also

bind to CD152, also known as CTLA-4, to deliver an inhibitory signal to T cells.

Product Details

Form Liquid

Size 50Tests/100Tests/100Tests×2

Clone No. GL-1 Host Rat

IsotypeRat IgG2a, κReactivityMouseApplicationFCM

Isotype Control FITC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832C]

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping Biological ice pack at 4 °C Stability & 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.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

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Fluorophore

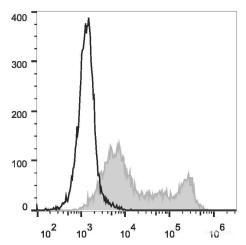
Conjugation: FITC

FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

Recommended usage

Each lot of this antibody is quality control tested by 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.

Product data



LPS-stimulated (3 days) C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD86 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html

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