

A Reliable Research Partner in Life Science and Medicine

FITC Anti-Human IL-4 Antibody[MP4-25D2]

Catalog Number: E-AB-F1203C

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

Description

Reactivity Human Host Rat

 Isotype
 Rat IgG1, κ

 Clone No.
 MP4-25D2

Isotype Control FITC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822C]

Conjugation FITC

Conjugation Information 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).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

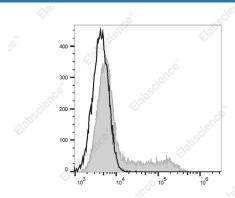
Applications Recommended usage

FCM 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.

Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Human IL-4 gene are stained with FITC Anti-Human IL-4 Antibody[MP4-25D2] (filled gray histogram) or FITC Rat IgG1, κ Isotype Control (empty black histogram).

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 Ice bag

Antigen Information

Alternate Names B-cell IgG differentiation factor;B-cell growth factor 1;BSF-1;IGG1 induction factor;IL-4;

Web: www.elabscience.cn

Interleukin-4

 Uniprot ID
 P05112

 Gene ID
 3565

For Research Use Only



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Background

IL-4 is a pleiotropic cytokine that is produced by activated T cells, mast cells, and basophils. IL-4 elicits many different biological responses but has two dominant functions. The first is regulating differentiation of naïve CD4+ T cell to the Th2 type. Th2 cells produce IL-4, IL-5, IL-10, and IL-13, which tend to favor a humoral immune response while suppressing a cell-mediated immune response controlled by Th1 cells. The second is regulating IgE and IgG1 production by B cells.