

Elab Fluor® 700 Anti-Mouse IL-4 Antibody[11B11]

Catalog Number: E-AB-F1204UM1

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

Description

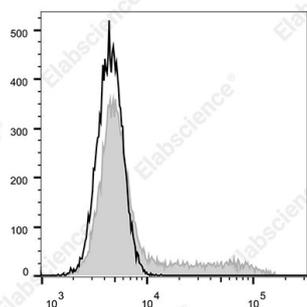
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG1, κ
Clone No.	11B11
Isotype Control	Elab Fluor® 700 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823M1]
Conjugation	Elab Fluor® 700
Conjugation Information	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 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 µg/10 ⁶ cells in 100 µL volume].
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Data



Intracellular staining of the 293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-4 gene with Elab

Fluor® 700 Anti-Mouse IL-4 Antibody[11B11](filled gray histogram) or Elab Fluor® 700 Rat IgG1, κ Isotype Control(empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 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; Interleukin-4
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For Research Use Only

Uniprot ID

P07750

Gene ID

16189

Background

IL-4 is a pleiotropic cytokine produced by activated T cells, mast cells, and basophils. IL-4 is a potent lymphoid cell growth factor which stimulates the growth and activation of certain B cells and T cells. IL-4 is important for regulation of T helper subset development.