APC Anti-Mouse IL-4 Antibody[11B11]

Catalog Number: E-AB-F1204UE

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

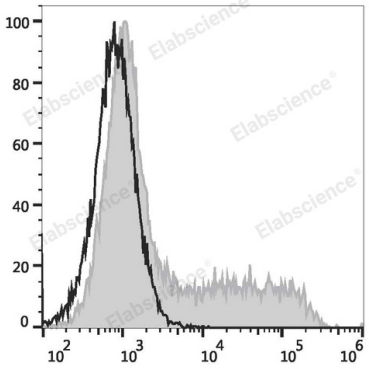
Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG1, κ
Clone No.	11B11
Isotype Control	APC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823E]
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 μg/10^6 cells in 100 μL volume].

Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IL-4 gene are stained with APC Anti-Mouse IL-4 Antibody (filled gray histogram) or APC 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 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
Uniprot ID	P07750
Gene ID	16189

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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.

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