

A Reliable Research Partner in Life Science and Medicine

## PE Anti-Mouse IL-4 Antibody[11B11]

Catalog Number: E-AB-F1204D

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 PE Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822D]

Conjugation PE

Conjugation Information PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green

(561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42

nm bandpass filter).

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

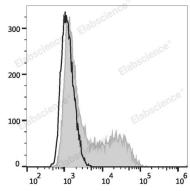
#### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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 Mouse IL-4 gene are stained with PE Anti-Mouse IL-4 Antibody (filled gray histogram) or PE 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 lce 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

#### For Research Use Only

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

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Gene ID

Background

16189

IL-4 is a pleiotropic cytokine produced by activated T cells, mast cells, and basophils. I L-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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