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AF/LE Purified Anti-Mouse IL-4 Antibody[11B11]

Catalog No. E-AB-F12040 Reactivity Mouse

Storage Store at 2~8°C, Avoid freeze / thaw cycles Applications Neut, Stim, ICFCM

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

Antigen Information

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

factor

Uniprot ID P07750

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.

Product Details

 Form
 Liquid

 Concentration
 0.5 mg/mL

 Size
 50μg/500μg/1mg

Clone No. 11B11 Host Rat

 $\begin{tabular}{ll} \textbf{Isotype} & Rat IgG1, \kappa \\ \textbf{Reactivity} & Mouse \\ \end{tabular}$

Application Neut,Stim,ICFCM

 Isotype Control
 AF/LE Purified Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F098230]

Storage Buffer 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

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

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Fluorophore

Conjugation: None (Purified antibody-Azide Free/Low endotoxin)

Recommended usage

Each lot of this antibody is quality control tested by ELISA assay. For ELISPOT applications, a concentration range of 2-6 µg/ml is recommended. For ELISA capture applications, a concentration range of 0.5-2.0 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-4 recombinant protein ranging from 250 to 2 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Intracellular Antigens for Flow Cytometry https://www.elabscience.com/List-detail-5570.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/Listdetail-459742.html

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