

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

<b>Catalog No.</b>	E-AB-F1204E	<b>Reactivity</b>	Mouse
<b>Storage</b>	Store at 2~8°C, Avoid freeze / thaw cycles	<b>Applications</b>	ICFCM

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

### Antigen Information

<b>Alternate Names</b>	Interleukin-4,IL-4,B-cell IgG differentiation factor,B-cell growth factor 1,BSF-1,IGG1 induction factor
<b>Uniprot ID</b>	P07750
<b>Background</b>	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

<b>Form</b>	Liquid
<b>Size</b>	50Tests/100Tests/100Tests×2
<b>Clone No.</b>	11B11
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, κ
<b>Reactivity</b>	Mouse
<b>Application</b>	ICFCM
<b>Isotype Control</b>	<a href="#">APC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822E]</a>
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping</b>	Biological ice pack at 4 °C
<b>Stability &amp; Storage</b>	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

## Fluorophore

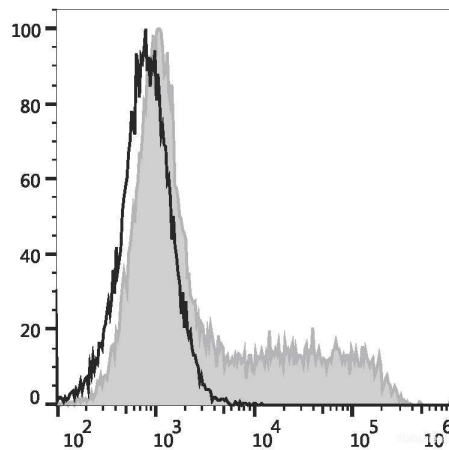
**Conjugation:** APC

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).

## Recommended usage

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.

## Product 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,  $\kappa$  Isotype Control (empty black histogram).

## 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/List-detail-459742.html>