

## Purified Anti-Human IL-4 Antibody[8D4-8]

catalog number: **AN007600P**

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

### Description

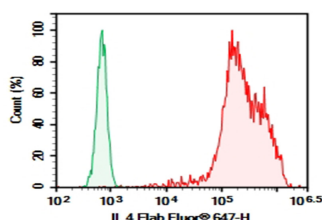
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human IL-4 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone</b>	8D4-8
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	PBS, pH 7.2. Contains 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu$ g/mL ( $1 \times 10^5$ - $5 \times 10^5$ cells)
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### Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Human IL-4 gene were stained with 0.2  $\mu$ g Purified Anti-Human IL-4 Antibody[8D4-8] (Right) and 0.2  $\mu$ g Mouse IgG1,  $\kappa$  Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

Interleukin-4 (IL-4), also known as B cell-stimulatory factor-1, is a monomeric, approximately 13 kDa-18 kDa Th2 cytokine that shows pleiotropic effects during immune responses. It is a glycosylated polypeptide that contains three intrachain disulfide bridges and adopts a bundled four  $\alpha$ -helix structure.

### For Research Use Only