

## Purified Anti-Human/Mouse IL-5 Antibody[TRFK5]

**Catalog Number:** GF1205A

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

### Description

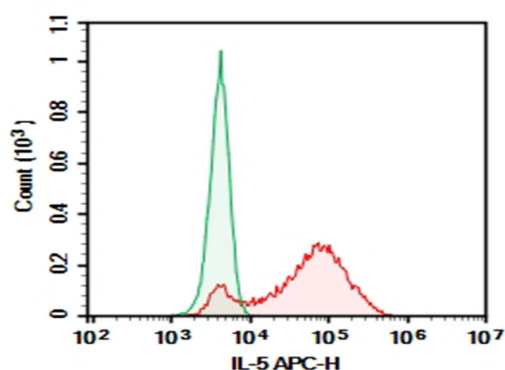
<b>Reactivity</b>	Human;Mouse
<b>Immunogen</b>	Recombinant Mouse IL-5 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, $\kappa$
<b>Clone</b>	TRFK5
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS, pH 7.2. Contains 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu\text{g/mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-5 gene were stained with 0.2  $\mu\text{g}$  Purified Anti-Human/Mouse IL-5 Antibody[TRFK5] (Right) and 0.2  $\mu\text{g}$  Rat IgG1,  $\kappa$  Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat 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

IL-5 (Interleukin-5) is a secreted cytokine that is expressed as a covalent dimer. It is produced by activated Th2 cells, eosinophils, mast cells, and iNKT cells and promotes eosinophilic and basophilic differentiation and activation. IL-5 signals through a receptor complex containing IL-5 R alpha and the Common beta Chain/CD131 on eosinophils and basophils. Naturally occurring soluble forms of IL-5 R alpha retain the ability to bind IL-5 and limit its bioavailability.