

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

catalog number: E-AB-F1205A

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

Description

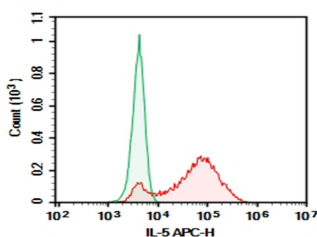
Reactivity	Human;Mouse
Immunogen	Recombinant Mouse IL-5 protein
Host	Rat
Isotype	Rat IgG1, κ
Clone	TRFK5
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	$\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume
------------	--

Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-5 gene were stained with 0.2 μg Purified Anti-Human/Mouse IL-5 Antibody[TRFK5] (Right) and 0.2 μg Rat IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat IgG Secondary Antibody.

Preparation & Storage

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

For Research Use Only