

A Reliable Research Partner in Life Science and Medicine

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

catalog number: E-AB-F12050

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

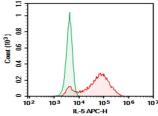
**Purification** >98%, Protein A/G purified

Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications	Recommended Dilution
FCM	2 μg/mL(0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)

#### Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-5 gene were stained with 0.2 μg AF/LE 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. This preparation contains no preservatives, thus it should be handled

under aseptic conditions.

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.

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