

Manufacturer/Supplier:

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Product name: Anti-Human/Mouse IL-5 Monoclonal Antibody(APC
Conjugated)

Catalog: DL22194F

Synonyms: Interleukin-5, IL-5, B-cell differentiation factor
I, T-cell replacing factor, TRF

Background: IL-5 is a homodimeric, disulphide-linked protein produced by T-cells. Monomeric human IL-5 is a 126 amino acid protein with a reported molecular weight of 26 kD for the homodimeric protein. Mouse and human IL-5 are approximately 70% identical. IL-5 has been shown to promote the growth of immature hematopoietic BFU-E progenitors, stimulate the activation and differentiation of eosinophils, and promote the generation of cytotoxic lymphocytes. Mouse IL-5 induces the differentiation

and proliferation of pre-activated B-cells and stimulates the production and secretion of IgM and IgA by B-cells stimulated with bacterial endotoxin. The TRFK5 antibody can neutralize the bioactivity of natural or recombinant IL-5.

Form: Liquid

Isotype: Rat IgG1, κ

Size: 25 μ g/100 μ g

Host: Rat

Reactivity: Human, Mouse

Application: ICFCM

Concentration: 0.2 mg/mL

Conjugation: APC

SwissProt: P05113,P04401

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1

$\mu\text{g}/10^6\text{cells}$ in 100 μL volume].

Storage:

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.