

Manufacturer/Supplier:

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

Catalog: DL22192F

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:

Host: Rat

20Tests/100Tests/100Tests \times 2

Reactivity: Human, Mouse

Application: ICFCM

Concentration: 5 μ L

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. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined

for individual use.

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.