

Manufacturer/Supplier:

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Product name: Anti-Human IL-4 Monoclonal Antibody(APC
Conjugated)

Catalog: DL22182F

Synonyms: Interleukin-4, IL-4, B-cell IgG differentiation
factor, B-cell growth factor 1, BSF-1, IGG1 induction
factor

Background: IL-4 is a pleiotropic cytokine that is produced by
activated T cells, mast cells, and basophils. IL-4
elicits many different biological responses but has
two dominant functions. The first is regulating
differentiation of naïve CD4⁺ T cell to the Th2 type.
Th2 cells produce IL-4, IL-5, IL-10, and IL-13,
which tend to favor a humoral immune response
while suppressing a cell-mediated immune response
controlled by Th1 cells. The second is regulating IgE

and IgG1 production by B cells.

Form: Liquid

Isotype: Rat IgG1, κ

Size:

Host: Rat

20Tests/100Tests/100Tests \times 2

Reactivity: Human

Application: ICFCM

Concentration: 5 μ L

Conjugation: APC

SwissProt: P05112

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.