Product Datasheet

PE/GenieFluor 594 Anti-Human IL-4 Antibody [MP4-25D2]

Catalogue Code: AGEL3080

Antibody Data

Product SKU:	**AGEL3080**	**Clone:**	**MP4-25D2**
Applications:	**ICFCM**		
Reactivity:	**Human**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Interleukin-4;IL-4;B-cell IgG differentiation factor;B-cell growth factor 1;BSF-1;IGG1 induction factor;

Uniprot ID: P05112

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.

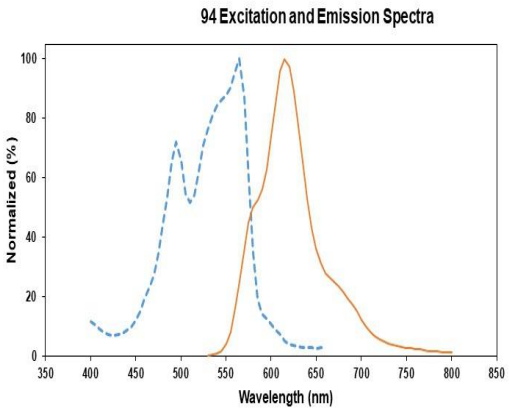
Form: Liquid

Conjugation: PE/Genie Fluor594

Size: 20 Tests, 100 Tests, 200 Tests

Host Species: Rat

Isotype: Rat IgG1, κ



Isotype Control: PE/Genie Fluor 594 Rat IgG1, κ Isotype Control[HRPN] [Product AGEL3080]

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

Shipping: Biological ice pack at 4℃

Stability & Storage:	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.
Recommended Usage:	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.