Anti-Human IL-4-144Nd

Catalog #: 3144010B  
Clone: MP4-25D2  
Package Size: 100 tests  
Storage: Store product at 4°C. Do not freeze.  
Isotype: Rat IgG1  
Cross Reactivity: Rhesus, Porcine  
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 x 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

Interleukin-4 (IL-4) is a cytokine that plays a role in allergy and immunity. It is primarily produced by activated CD4+ T cells, mast cells and eosinophils. IL-4 stimulates TH2 cell development by activating the transcription factor STAT6, which ultimately results in enhancing expression of the cytokines IL-4, IL-5, IL-10 and IL-13. IL-4 can also regulate the production of IgE and IgG1 by B cells.

References


Contact Information:

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This product is intended for Research Use Only. This product is not intended for therapeutic or diagnostic purposes in humans or animals.

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