

Rabbit anti-Human IL-4 mAb (CAP)

Catalog No.: RM17719

Basic Information

Catalog No.
RM17719

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

Background

Interleukin-4, is a cytokine that induces differentiation of naive helper T cells (Th0 cells to Th2 cells). In the presence of IL-4 and IL-13, cytokines that are produced in a Th-2 type response, particularly during allergy and parasitic infections, macrophages become differentially activated, And this cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine.

Immugen Information

Immugen
Recombinant Human IL-4 Protein

Cross-Reactivity

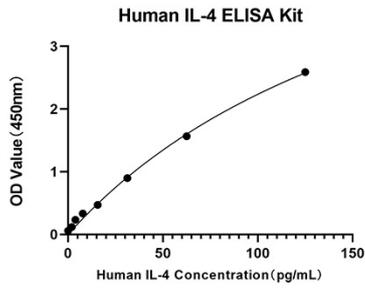
No cross-reactivity in ELISA with recombinant hGM-CSF,hIL-3,hIL-5,mGM-CSF,mIL-13,rIL-4,mIL-4,hIL-5

Assay Applications

Human IL-4 Sanwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Rabbit anti-Human IL-4(CAP)(Cat. No.RM17719)
ELISA Detection	0.01-0.04ug/mL	Rabbit anti-Human IL-4(DET)(Cat. No.RM17720)
Standard	1.95-125pg/mL	Recombinant Human IL-4 Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.