

Rabbit anti-Rat IL-4 mAb(DET)

Catalog No.: RM18026

Basic Information

Catalog No.
RM18026

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 0.2µm filtered solution in PBS with 0.1% BSA, pH 7.4 containing Mouse IL-6 Antibody.

Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

Background

Receptor for both interleukin 4 and interleukin 13. Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2 (By similarity)

Immunogen Information

Immunogen
Recombinant Rat IL-4

Cross-Reactivity

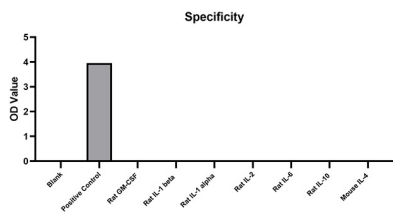
No cross-reactivity in ELISA assay with recombinant Rat GM-CSF □ Rat IL-1 beta □ Rat IL-1 alpha □ Rat IL-2 □ Rat IL-6 □ Rat IL-10 □ Mouse IL-4

Assay Applications

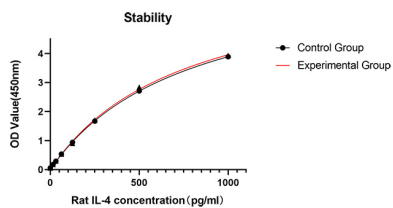
Rat IL-4 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4µg/mL	Rabbit anti-Rat IL-4(CAP)(Cat. No.RM18025)
ELISA Detection	0.025-0.1µg/mL	Rabbit anti-Rat IL-4 (DET)(Cat. No.RM18026)
Standard	15.62-1000pg/mL	Recombinant Rat IL-4

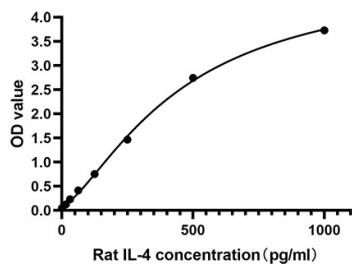
Validation Data



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.



No significant cross-reactivity or interference was observed.



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