Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Rat IL-4 mAb

Catalog No.: RM18026

Basic Information

Catalog No.
RM18026

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2umfiltered solution in PBS with0.05%ProClin 300 ,PH 7.4 .

Contact

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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 Protein

Cross-Reactivity

No cross-reactivity in ELISA 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

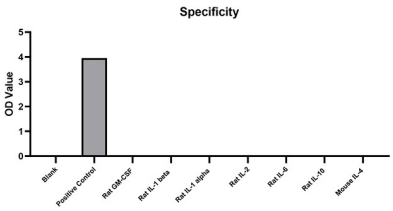
Assay Applications

Rat IL-4 Sandwich ELISA/Multiplex

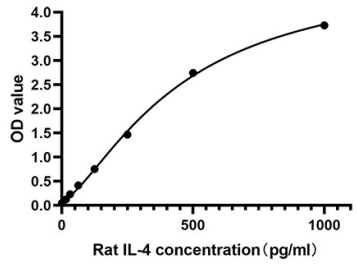
		Recommended Concentration	Sample
ELISA	Capture	1-4ug/mL	Rabbit anti-Rat IL-4 mAb(Cat. No.RM18025)
	Detection	0.025-0.1ug/mL	Rabbit anti-Rat IL-4 mAb(Cat. No.RM18026)
	Standard	15.62-1000pg/mL	Recombinant Rat IL-4 Protein

Multiplex	Capture	3-20ug/mL	Rabbit anti-Rat IL-4 mAb(Cat. No.RM18025)
	Detection	0.017-2ug/mL	Rabbit anti-Rat IL-4 mAb(Cat. No.RM18026)
	Standard	1.40-1000pg/mL	Recombinant Rat IL-4 Protein

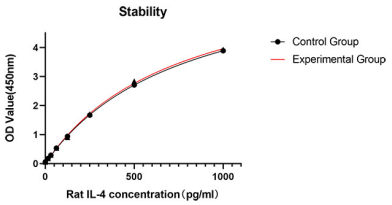
Validation Data



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



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



No significant cross-reactivity or interference was observed.