Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-7 mAb

Catalog No.: RMK0445

Basic Information

Catalog No.
RMK0445

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 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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Background

The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17.

Immunogen Information

Immunogen
Recombinant Human IL-7 Protein

Cross-Reactivity

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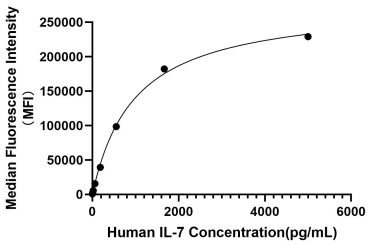
Assay Applications

Human IL-7 Sandwich Immunoassay

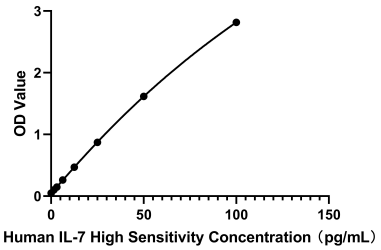
		Recommended Concentration	Sample
ELISA	Capture	2-8ug/mL	Rabbit anti-Human IL-7 mAb(Cat. No.RMK0445)
	Detection	0.0125-0.05ug/mL	Rabbit anti-Human IL-7 mAb(Cat. No.RMK0459)
	Standard	1.56-100pg/mL	Recombinant Human IL-7 Protein

Multiplex	Capture	3-20ug/mL	Rabbit anti-Human IL-7 mAb(Cat. No.RMK0445)
	Detection	0.017-2ug/mL	Rabbit anti-Human IL-7 mAb(Cat. No.RMK0418)
	Standard	6.86-5000pg/mL	Recombinant Human IL-7 Protein

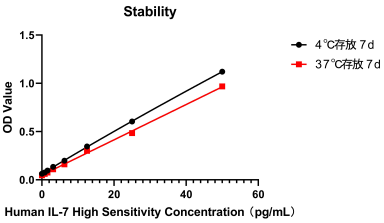
Validation Data



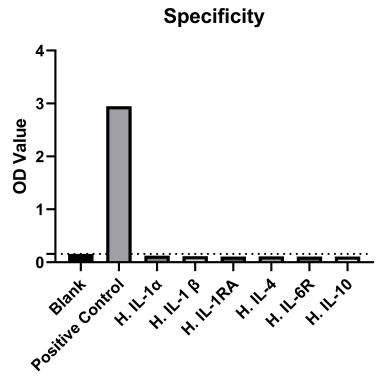
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



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Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.



No significant cross-reactivity or interference was observed.