Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse IL-6 mAb(CAP)

Catalog No.: RM17709 **1 Publications**

Basic Information

Catalog No.
RM17709

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
N/A

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

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

Contact

order@abclonal.com

support@abclonal.com

www.abclonal.com

Background

Part of the receptor for interleukin 6. Binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitate an association with IL6ST. Activation leads to the regulation of the immune response, acute-phase reactions and hematopoiesis. The interaction with membrane-bound IL6R and IL6ST stimulates "classic signaling", the restricted expression of the IL6R limits classic IL6 signaling to only a few tissues such as the liver and some cells of the immune system. Whereas the binding of IL6 and soluble IL6R to IL6ST stimulates "trans-signaling". Alternatively, "cluster signaling" occurs when membrane-bound IL6:IL6R complexes on transmitter cells activate IL6ST receptors on neighboring receiver cells.

Immunogen Information

Immunogen
Recombinant mouse IL-6 Protein

Cross-Reactivity

No cross-reactivity in immunoassay with recombinant
Human IL-6, Mouse IL-11

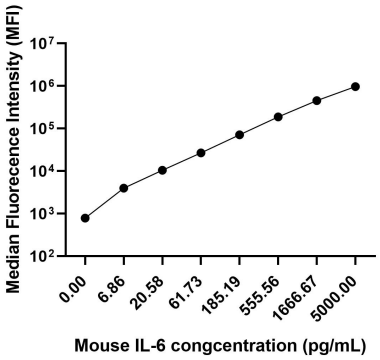
Assay Applications

Mouse IL-6 Sandwich Immunoassay

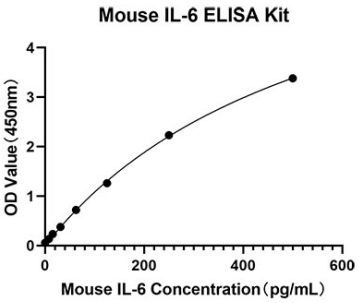
		Recommended Concentration	Sample
ELISA	Capture	0.5-2 μg/mL	Rabbit anti-Mouse IL-6 mAb (Cat. No. RM17709)
	Detection	0.0125-0.05 μg/mL	Rabbit anti-Mouse IL-6 mAb (Cat. No. RM17710)
	Standard	7.81-500 pg/mL	Recombinant Mouse IL-6 Protein (Cat. No.RP01321)

Multiplex	Capture	1-4 μg/mL	Rabbit anti-Mouse IL-6 mAb (Cat. No. RM17710)	
	Detection	0.125-0.5 μg/ml	Rabbit anti-Mouse IL-6 mAb (Cat. No. RM17709)	
	Standard	6.86-5000 pg/mL	Recombinant Mouse IL-6 Protein (Cat. No.RP01321)	

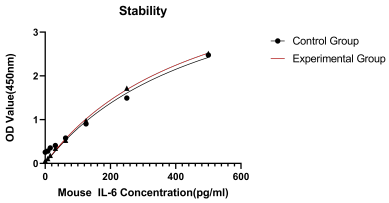
Validation Data



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 3 days, the stability of the standard curve all conform to CV <10%.