

Rabbit anti-Mouse IL-6(CAP)

Catalog No.: RM17709

Basic Information

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RM17709

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

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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

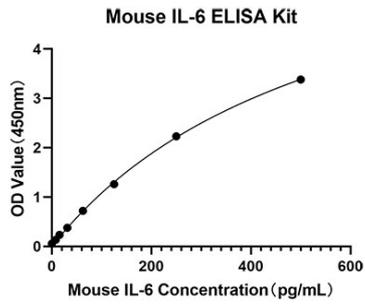
No cross-reactivity in ELISA with recombinant mIL-6,hTNF,rIL-6,mIL-11

Assay Applications

Mouse IL-6 Sanwich ELISA Immunoassay

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

Validation Data



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