

# Rabbit anti-Mouse IL-6(DET)

**Catalog No.: RM17710**

## Basic Information

**Catalog No.**  
RM17710

**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 mL-6,hTNF,rIL-6,mIL-11

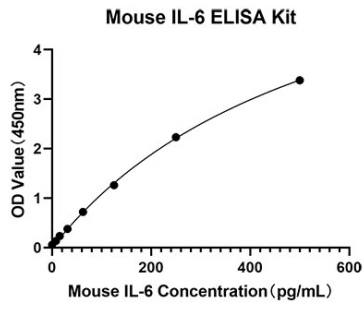
## Assay Applications

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

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