

# Rabbit anti-Sheep IL-6 mAb(CAP)

**Catalog No.: RM17804**

## Basic Information

**Catalog No.**  
RM17804

**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% BSA, pH 7.4.

## Contact

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 | [www.abclonal.com](http://www.abclonal.com)

## Background

Cytokine with a wide variety of biological functions in immunity, tissue regeneration, and metabolism. Binds to IL6R, then the complex associates to the signaling subunit IL6ST/gp130 to trigger the intracellular IL6-signaling pathway. The interaction with the membrane-bound IL6R and IL6ST stimulates 'classic signaling', 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. By Similarity IL6 is a potent inducer of the acute phase response. Rapid production of IL6 contributes to host defense during infection and tissue injury, but excessive IL6 synthesis is involved in disease pathology.

## Immunogen Information

**Immunogen**  
Recombinant Sheep IL-6

## Cross-Reactivity

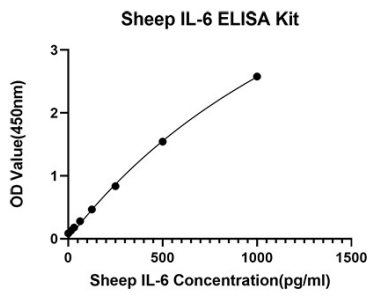
No cross-reactivity in ELISA assay with recombinant Human IL-6, Mouse IL-6, Rat IL-6

## Assay Applications

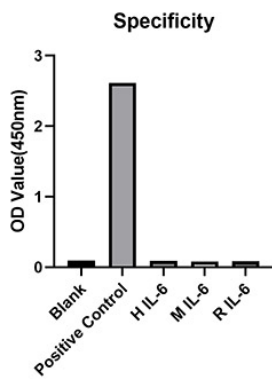
Sheep IL-6 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.25-1ug/mL	Rabbit anti-Sheep IL-6 (CAP)(Cat. No.RM17804)
ELISA Detection	0.08-0.02ug/mL	Rabbit anti-Sheep IL-6 (DET)(Cat. No.RM17805)
Standard	15.6-1000pg/mL	Recombinant Sheep IL-6 Protein

## Validation Data



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



From the comparison of the standard curve, it is found that ABclonal has high sensitivity.