

# Rabbit anti-Mouse IL-6 mAb (DET)

**Catalog No.:** RM17968

## Basic Information

**Catalog No.**  
RM17968

**Catagory**  
Elisa Antibody Kit

**Application**  
Multiplex

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**  
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**Storage**  
Store at -20°C.  
**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

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## Background

Interleukin 6 (IL-6) is a cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response and plays an essential role in the final differentiation of B-cells into Ig-secreting cells. IL-6 is involved in lymphocyte and monocyte differentiation and IL-6 induces myeloma and plasmacytoma growth as well as nerve cells differentiation. B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS are all responsive to IL-6. IL-6 is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance

## Immunogen Information

**Immunogen**  
Recombinant Mouse IL-6 Protein

## Cross-Reactivity

Mouse

## Assay Applications

Mouse IL-6 Sandwich Immunoassay

		Recommended Concentration	Sample
Multiplex	Capture	3-20 µg/mL	Rabbit anti-Mouse IL-6 mAb (Cat. No. RM17709)
	Detection	0.017-2 µg/mL	Rabbit anti-Mouse IL-6 mAb (Cat. No. RM17968)
	Standard	6.86-5000 pg/ml	Recombinant Mouse IL-6 Protein (Cat. No. RP01321)

## Validation Data

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

