

# Rabbit anti-Human Interleukin 6 receptor (IL-6R) mAb(DET)

**Catalog No.:** RMK0196

## Basic Information

**Catalog No.**  
RMK0196

**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 7.8.

## Contact

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## Background

Interleukin 6 (IL-6) is a multifunctional cytokine produced by a wide variety of cell types including T cells, monocyte/macrophages, fibroblasts, hepatocytes, vascular endothelial cells, cardiac myxomas, bladder cell carcinomas, myelomas, astroglomas, and glioblastomas. The effects of IL-6 on different cell types are numerous and varied. These activities include: stimulation of B cell differentiation and antibody secretion; action as a co-stimulant with PHA or Con A to increase IL-2 production and IL-2 receptor expression by T cells; enhancement of differentiation of cytotoxic T cells; action as a growth factor for mature thymic or peripheral T cells, myelomas, hybridomas, plasmacytomas, keratinocytes, and mesangial cells; colony-stimulating activity on hematopoietic cells; induction of neuronal cell differentiation; induction of maturation of megakaryocytes; and stimulation of production of acute phase response proteins by hepatocytes. These various activities indicate that IL-6 plays a major role in the mediation of the inflammatory...

## Immunogen Information

**Immunogen**  
Recombinant Human IL-6R

## Cross-Reactivity

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## Assay Applications

Human Interleukin 6 receptor (IL-6R) Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human Interleukin 6 receptor (IL-6R) (CAP)(Cat. No.RMK0196)
ELISA Detection	0.05-0.2ng/mL	Rabbit anti-Human Interleukin 6 receptor (IL-6R) (DET)(Cat. No.RMK0196)
Standard	62.5-4000pg/mL	Recombinant Human Interleukin 6 receptor (IL-6R) Protein

## Validation Data

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