

# Product Information

## Recombinant Anti-Human il6r Antibody

Cat. No.: **MOM-18580**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Mouse Antibody binds selectively to Human IL6R, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

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 may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis.

### Specific Activity

Tested positive against native antigen.

### Target

IL6R

### Immunogen

IL6R (gp80) transfected CHO cell line.

### Source

Mouse

### Species Reactivity

Human

### Type

IgG

### Expression Host

CHO

### Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

### Applications

Suitable for use in Neut, ELISA, IF, IP, FuncS, FC, IHC and most other immunological methods.

### Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

## ANTIGEN GENE INFORMATION

### Gene Name

[IL6R interleukin 6 receptor \[ Homo sapiens \]](#)

**Official Symbol**

IL6R

**Synonyms**

IL6R; interleukin 6 receptor; interleukin-6 receptor subunit alpha; CD126; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-6 receptor subunit alpha; gp80; IL6RA; IL-6RA; IL-6R-1; MGC104991;

**Gene ID**

[3570](#)

**mRNA Refseq**

[NM\\_000565](#)

**Protein Refseq**

[NP\\_000556](#)

**MIM**

[147880](#)

**UniProt ID**

P08887

**Chromosome Location**

1q21

**Pathway**

Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; IL-6 Signaling Pathway, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem;

**Function**

ciliary neurotrophic factor binding; contributes\_to ciliary neurotrophic factor receptor activity; enzyme binding; interleukin-6 binding; contributes\_to interleukin-6 receptor activity; contributes\_to interleukin-6 receptor binding; protein binding; protein homodimerization activity; receptor activity;