

IL-6R (PT1561R) PT™ Rabbit mAb

CatalogNo: YM9403 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,IF,IP,ELISA

MW

- 52kD (Calculated)
- 65-75kD (Observed)

Isotype

- IgG,Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

WB 1:2000-1:10000**IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT1561R

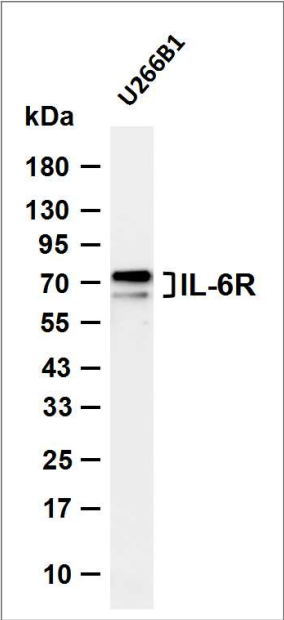
Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.**Specificity** Endogenous

Target Information

Gene name	IL6R		
Protein Name	Interleukin-6 receptor subunit alpha		
	Organism	Gene ID	UniProt ID
	Human	3570 ;	P08887 ;
	Mouse		P22272 ;
Cellular Localization	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .; [Soluble interleukin-6 receptor subunit alpha]: Secreted .		
Tissue specificity	[Isoform 2]: Expressed in peripheral blood mononuclear cells and weakly found in urine and serum. 1%-20% of the total sIL6R in plasma is generated by alternative splicing (PubMed:28060820).		
Function	Domain:The two fibronectin type-III-like domains, contained in the N-terminal part, form together a cytokine-binding domain.,Domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,Function:Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity.,Function: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.,PTM:A short soluble form may also be released from the membrane by proteolysis.,similarity:Belongs to the type I cytokine receptor family. Type 3 subfamily.,similarity:Contains 1 fibronectin type-III domain.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,subunit:Hexamer of two molecules each of IL6, IL6R and IL6ST.,tissue specificity:Isoform 2 is expressed in peripheral blood mononuclear cells and weakly found in urine and serum.,		

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-IL-6R (PT1561R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: U266B1 Predicted band size: 52kDa Observed band size: 65-75kDa

| Contact information

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