

## IL-2R $\gamma$ Rabbit pAb

CatalogNo: YT5380

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 40kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:20000**

**Not yet tested in other applications.**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from the Internal region of human IL2RG. AA range:101-150

**Specificity** IL-2R $\gamma$  Polyclonal Antibody detects endogenous levels of IL-2R $\gamma$  protein.

### Target Information

**Gene name** IL2RG

**Protein Name** Cytokine receptor common subunit gamma

Organism	Gene ID	UniProt ID
Human	<a href="#">3561</a> ;	<a href="#">P31785</a> ;
Mouse		<a href="#">P34902</a> ;

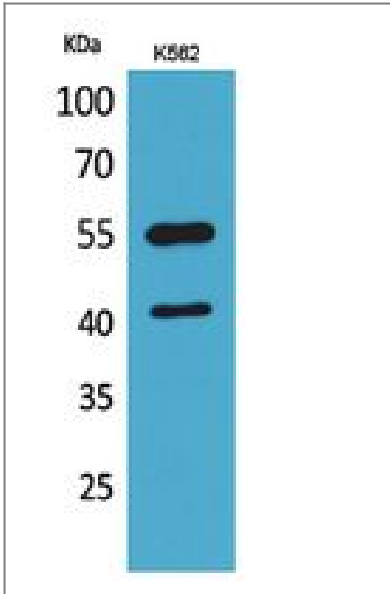
**Cellular Localization** Cell membrane ; Single-pass type I membrane protein . Cell surface .

**Tissue specificity** B-cell,Liver,Peripheral blood,

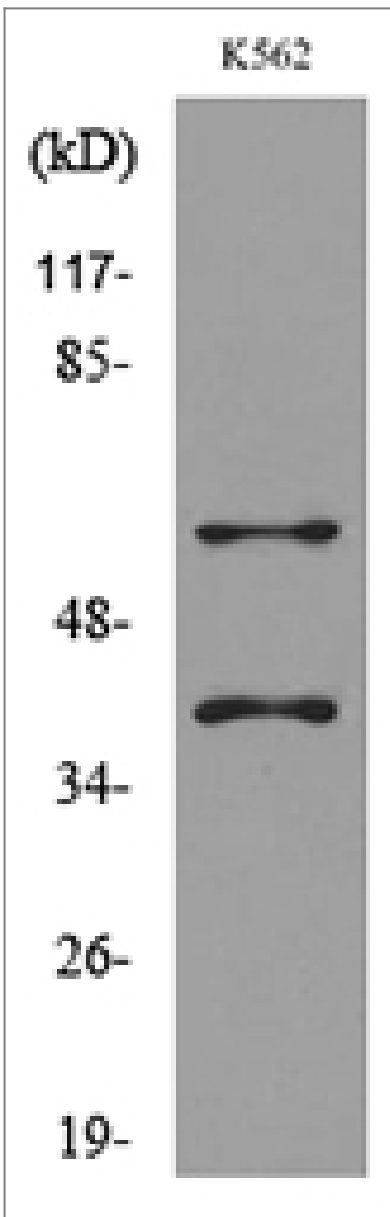
**Function** Disease:Defects in IL2RG are the cause of X-linked combined immunodeficiency (XCID) [MIM:312863]. XCID is a less severe form of X-linked immunodeficiency with a less severe degree of deficiency in cellular and humoral immunity than that seen in XSCID.,Disease:Defects in IL2RG are the cause of X-linked severe combined immunodeficiency (XSCID) [MIM:300400]; also known as agammaglobulinemia Swiss type. SCID refers to a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels. Patients with SCID present in infancy with recurrent, persistent infections by opportunistic organisms. The common characteristic of all types of SCID is absence of T-cell-mediated cellular immunity due to a defect in T-cell development.,Domain:The box 1 motif is required for JAK interaction and/or activation.,Domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,Function:Common subunit for the receptors for a variety of interleukins.,online information:X-linked SCID mutation database,similarity:Belongs to the type I cytokine receptor family. Type 5 subfamily.,similarity:Contains 1 fibronectin type-III domain.,subunit:The gamma chain is common to the IL2, IL4, IL7, IL21 and probably also the IL13 receptors. Interacts with SHB upon interleukin stimulation. Interacts with HTLV-1 accessory protein p12I.,

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## | Validation Data



Western Blot analysis of K562 cells using IL-2R $\gamma$  Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from K562 cells, using IL2RG Antibody.

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Please scan the QR code  
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product information:  
**IL-2R $\gamma$  Rabbit pAb**

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For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)