IL-2Rγ Rabbit pAb

CatalogNo: YT5380

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,ELISA

MW
- 40kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-1:2000
ELISA 1:20000
Not yet tested in other applications.

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.

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-2Rγ Polyclonal Antibody detects endogenous levels of IL-2Rγ protein.

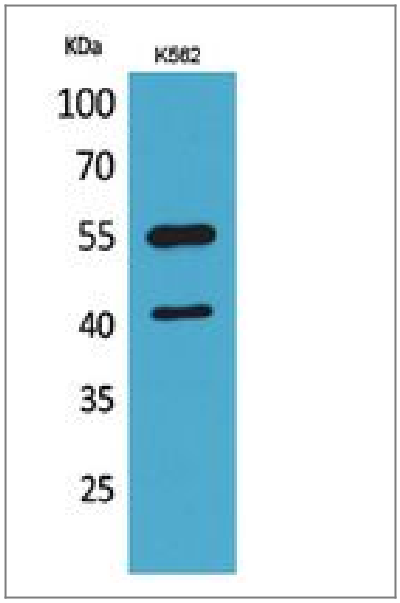
Target Information

Gene name	IL2RG
Protein Name	Cytokine receptor common subunit gamma

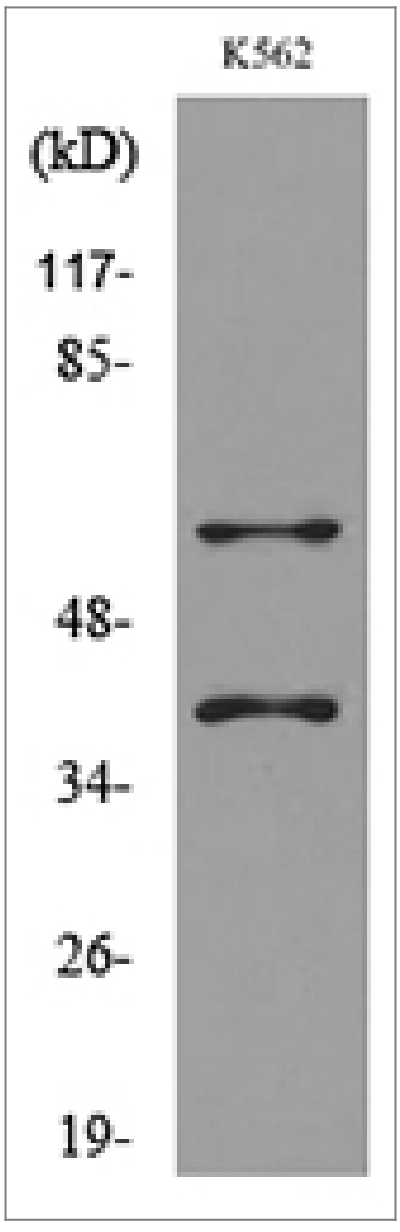
Organism	Gene ID	UniProt ID
Human	3561;	P31785;
Mouse		P34902;

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.,

Validation Data



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



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

Contact information

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Please scan the QR code to access additional product information:
IL-2Rγ Rabbit pAb