

Rabbit anti-Human IL2RG Polyclonal Antibody | anti-IL2RG antibody

Anti-IL2RG Antibody, Rabbit Polyclonal

CATALOG # AAA254982	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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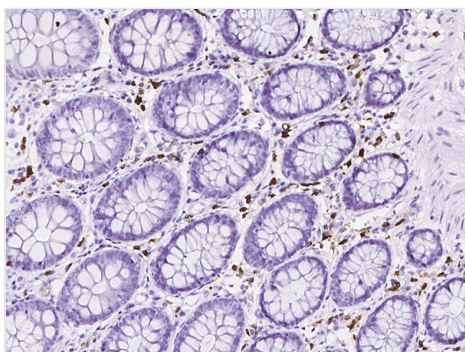
PRODUCT SYNONYMS

IL2RG; Polyclonal Antibody; Anti-IL2RG Antibody; Rabbit Polyclonal; CD132/IL2RG Antibody; Rabbit PAb; Antigen Affinity Purified; interleukin 2 receptor; gamma; Anti-CD132 Antibody; Anti-CIDX Antibody; Anti-IL-2RG Antibody; Anti-IMD4 Antibody; Anti-P64 Antibody; Anti-SCIDX Antibody; Anti-SCIDX1 Antibody; anti-IL2RG antibody

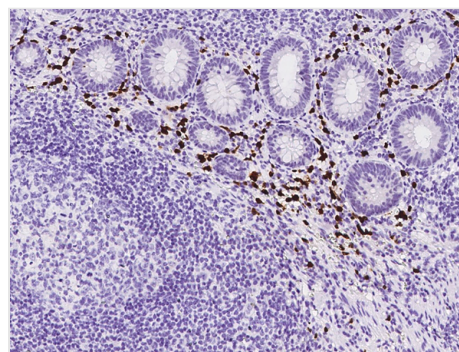
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD132/IL2RG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IL2RG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human CD132/IL2RG
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human CD132/IL2RG, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

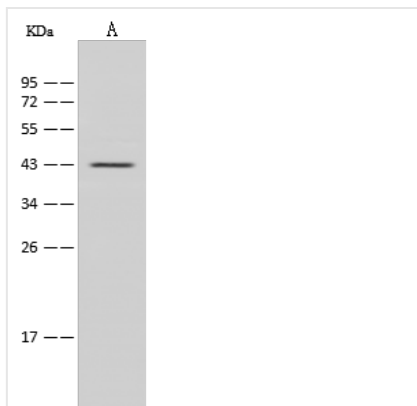
IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human IL2RG in human colon with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human IL2RG in human appendix with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
 Anti-IL2RG rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell
 Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at
 1/10000 dilution. Developed using the ECL technique. Performed under reducing
 conditions. Predicted band size: 42 kDa Observed band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-IL2RG antibody	The common gamma chain (gammac) (or CD132), also known as interleukin-2 receptor subunit gamma or IL2RG, is a member of the type I cytokine receptor family expressed on most lymphocyte (white blood cell) populations, and its gene is found on the X-chromosome of mammals. The common gamma chain (gammac) (or IL2RG), is a cytokine receptor subunit that is common to the receptor complexes for at least six different interleukin receptors: IL-2, IL-4, IL-7, IL-9, IL-15, and the interleukin-21 receptor. It is a component of multiple cytokine receptors that are essential for lymphocyte development and function. X-linked severe combined immunodeficiency (X-SCID) is a rare and potentially fatal disease caused by mutations of IL2RG, the gene encoding IL2RG. IL2RG was demonstrated to be a component of the IL-4 receptor based on chemical cross-linking data, the ability of IL2RG to augment IL-4 binding affinity. The observation that IL-2R gamma is a functional component of the IL-4 receptor, together with the finding that IL-2R gamma associates with the IL-7 receptor, begins to elucidate why a deficiency of this common gamma chain (gamma c) has a profound effect on lymphoid function and development, as seen in X-linked severe combined immunodeficiency.
Product Categories/Family for anti-IL2RG antibody	Common G-Chain signaling pathway
References	Russell SM, et al. (1993) Interleukin-2 receptor gamma chain: a functional component of the interleukin-4 receptor. Science. 262 (5141): 1880-3. Miyazaki T, et al. (1994) Functional activation of Jak1 and Jak3 by selective association with IL-2 receptor subunits. Science. 266 (5187): 1045-7. Takeshita T, et al. (1992) Cloning of the gamma chain of the human IL-2 receptor. Science. 257 (5068): 379-82.

NCBI AND UNIPROT INFORMATION

NCBI GI #	400048
NCBI GeneID	3561
UniProt Accession #	P31785; Q5FC12
Molecular Weight	369
NCBI Official Full Name	Cytokine receptor common subunit gamma
NCBI Official Synonym Full Names	interleukin 2 receptor, gamma
NCBI Official Symbol	IL2RG
NCBI Official Synonym Symbols	P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1
NCBI Protein Information	cytokine receptor common subunit gamma; gammaC; CD132 antigen; IL-2R subunit gamma; IL-2 receptor subunit gamma; common cytokine receptor gamma chain
UniProt Protein Name	Cytokine receptor common subunit gamma

UniProt Gene Name	IL2RG
UniProt Synonym Gene Names	IL-2 receptor subunit gamma; IL-2R subunit gamma; IL-2RG
UniProt Entry Name	IL2RG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il2rg-antibody-immunohistochemistry-western-blot-elisa/254982>