

IL-2R gamma Rabbit pAb

Catalog # AP100129

Product Information

Primary Accession	P31785
Other Accession	P31785
Reactivity	Human
Predicted	Rat, Pig, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42287
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IL-2R gamma
Epitope Specificity	51-150/369
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 fibronectin type-III domain.
SUBUNIT	The gamma subunit is common to the IL2, IL4, IL7, IL15, IL21 and probably also the IL13 receptors. Interacts with SHB upon interleukin stimulation. Interacts with HTLV-1 accessory protein p12I.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder. [provided by RefSeq, Mar 2010]

Additional Information

Gene ID	3561
Other Names	CD132; CIDX; IL-2RG; IMD4; P64; SCIDX; SCIDX1; IL2RG_HUMAN; IL2RG; Interleukin-2 receptor subunit gamma (IL-2 receptor subunit gamma IL-2R subunit gamma IL-2RG); gammaC; interleukin 2 receptor subunit gamma; severe combined immunodeficiency; combined immunodeficiency, X-linked; interleukin 2 receptor, gamma
Dilution	ICC/IF=1:100-500,Flow-Cyt=1 µg /test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	IL2RG
Function	Common subunit for the receptors for a variety of interleukins. Probably in association with IL15RA, involved in the stimulation of neutrophil phagocytosis by IL15 (PubMed: 15123770).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell surface

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.