10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IL2RG Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9450a

Specification

IL2RG Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P31785

IL2RG Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 3561

Other Names
Cytokine receptor common subunit gamma, Interleukin-2 receptor subunit gamma, IL-2 receptor subunit gamma, IL-2R subunit gamma, IL-2RG, gammaC, p64, CD132, IL2RG

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IL2RG Antibody (N-term) Blocking Peptide - 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

IL2RG Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

IL2RG Antibody (N-term) Blocking Peptide - Images

IL2RG Antibody (N-term) Blocking Peptide - Background

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IL2RG 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.

IL2RG Antibody (N-term) Blocking Peptide - References

Ross, J.A., et al. J. Biol. Chem. 285(6):3582-3591(2010)Ameratunga, R., et al. N. Z. Med. J. 122(1304):46-53(2009)Clark, P.A., et al. Hum. Genet. 96(4):427-432(1995)