

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

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**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:&lt;a href="http://www.uniprot.org/citations/15123770" target="\_blank"&gt;15123770&lt;/a&gt;).

**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**

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)