

IL2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6912c**Specification****IL2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P60568](#)**IL2 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 3558

Other Names

Interleukin-2, IL-2, T-cell growth factor, TCGF, Aldesleukin, IL2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6912c](/products/AP6912c) was selected from the Center region of human IL2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

IL2 Antibody (Center) Blocking Peptide - Protein Information

Name IL2

Function

IL2 Antibody (Center) Blocking Peptide - Background

IL2 is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7).

IL2 Antibody (Center) Blocking Peptide - References

Reyes-Gibby, C.C., et.al., Cancer Epidemiol. Biomarkers Prev. 18 (10), 2636-2642 (2009)

Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

Cellular Location

Secreted.

**IL2 Antibody (Center) Blocking Peptide -
Protocols**

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

- [Blocking Peptides](#)