

CD80 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5020b**Specification**

CD80 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P33681](#)

CD80 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 941

Other Names

T-lymphocyte activation antigen CD80, Activation B7-1 antigen, BB1, CTLA-4 counter-receptor B71, B7, CD80, CD80, CD28LG, CD28LG1, LAB7

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.

CD80 Antibody (C-term) Blocking Peptide - Protein Information

Name CD80

Synonyms CD28LG, CD28LG1, LAB7

Function

Involved in the costimulatory signal essential for T- lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28, binding to CTLA-4 has opposite effects and inhibits T-cell activation.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Expressed on activated B-cells, macrophages and dendritic cells

CD80 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CD80 Antibody (C-term) Blocking Peptide - Images**CD80 Antibody (C-term) Blocking Peptide - Background**

CD80 is activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123890) ligands of T cells.

CD80 Antibody (C-term) Blocking Peptide - References

Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010)Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010)Segat, L., et al. J. Gastroenterol. Hepatol. 24(12):1840-1846(2009)