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CD226 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16399b

Specification

CD226 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q15762

CD226 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10666

Other Names
CD226 antigen, DNAX accessory molecule 1, DNAM-1, CD226, CD226, DNAM1

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.

CD226 Antibody (C-term) Blocking Peptide - Protein Information

Name CD226

Synonyms DNAM1

Function
Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T- lymphocyte (CTL) and NK cell (PubMed:8673704). Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIG for NECTIN2-binding (PubMed:26755705).

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Expressed by peripheral blood T-lymphocytes.

CD226 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CD226 Antibody (C-term) Blocking Peptide - Images

CD226 Antibody (C-term) Blocking Peptide - Background

CD226 is a glycoprotein expressed on the surfaceof NK cells, platelets, monocytes and a subset of T cells. It is amember of the Ig-superfamily containing 2 Ig-like domains of theV-set. The protein mediates cellular adhesion of platelets andmegakaryocytic cells to vascular endothelial cells. The proteinalso plays a role in megakaryocytic cell maturation. [provided byRefSeq].

CD226 Antibody (C-term) Blocking Peptide - References

Lofgren, S.E., et al. Arthritis Rheum. 62(11):3404-3414(2010)Carlsten, M., et al. Leukemia 24(9):1607-1616(2010)Plant, D., et al. Ann. Rheum. Dis. 69(8):1548-1553(2010)Alcina, A., et al. Genes Immun. 11(5):439-445(2010)Jian, J.L., et al. J. Biol. Chem. 281(39):28731-28736(2006)