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PDCD1LG2 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP12309a

Specification

PDCD1LG2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9BQ51

PDCD1LG2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 80380

Other Names
Programmed cell death 1 ligand 2, PD-1 ligand 2, PD-L2, PDCD1 ligand 2, Programmed death ligand 2, Butyrophilin B7-DC, B7-DC, CD273, PDCD1LG2, B7DC, CD273, PDCD1L2, PDL2

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.

PDCD1LG2 Antibody (N-term) Blocking peptide - Protein Information

Name PDCD1LG2

Synonyms B7DC, CD273, PDCD1L2, PDL2

Function
Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).

Cellular Location
[Isoform 3]: Secreted [Isoform 1]: Cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q9WUL5, ECO:0000305|PubMed:15340161}

Tissue Location
Highly expressed in heart, placenta, pancreas, lung and liver and weakly expressed in spleen, lymph nodes and thymus

PDCD1LG2 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

PDCD1LG2 Antibody (N-term) Blocking peptide - Images

PDCD1LG2 Antibody (N-term) Blocking peptide - Background

PDCD1LG2 is involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).

PDCD1LG2 Antibody (N-term) Blocking peptide - References

Ellis, J.S., et al. J. Immunol. 185(6):3149-3157(2010)Pena-Cruz, V., et al. J. Invest. Dermatol. 130(9):2222-2230(2010)Ghiotto, M., et al. Int. Immunol. 22(8):651-660(2010)Ishizaki, Y., et al. Hum. Genet. (2010) In press :Kassel, R., et al. Hepatology 50(5):1625-1637(2009)