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Anti-CD273 Antibody
Rabbit polyclonal antibody to CD273
Catalog # AP61543

Specification

Anti-CD273 Antibody - Product Information

Application	**WB**
Primary Accession	Q9BQ51
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**30957**

Anti-CD273 Antibody - Additional Information

Gene ID 80380

Other Names
B7DC; CD273; PDCD1L2; PDL2; 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

Target/Specificity
Recognizes endogenous levels of CD273 protein.

Dilution
WB~~WB (1/500 - 1/2000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-CD273 Antibody - 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}

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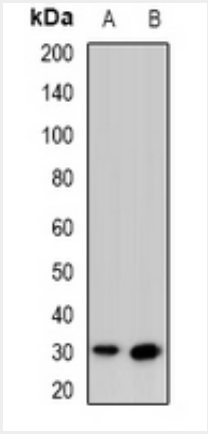
Tissue Location
Highly expressed in heart, placenta, pancreas, lung and liver and weakly expressed in spleen, lymph nodes and thymus

Anti-CD273 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CD273 Antibody - Images



Western blot analysis of CD273 expression in Hela (A), HepG2 (B) whole cell lysates.

Anti-CD273 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD273. The exact sequence is proprietary.