

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

Specification

Anti-CD273 Antibody - Product Information

Application	WB
Primary Accession	O9B051
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}

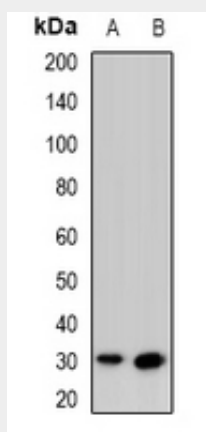
Tissue Location

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 Cytometry](#)
- [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.