10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD273 Antibody

Catalog # AP61543

Product Information

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

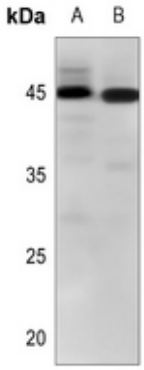
Additional Information

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	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD273. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/2000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PDCD1LG2
Synonyms	B7DC, CD273, PDCD1L2, PDL2
Function	Plays a critical role in induction and maintenance of immune tolerance to self (PubMed:11224527, PubMed:12538684). Acts as a ligand for the inhibitory receptor PDCD1/PD-1, inhibiting T-cell proliferation by blocking cell cycle progression and cytokine production (PubMed:11224527).
Cellular Location	[Isoform 3]: Secreted [Isoform 1]: Cell membrane; Single-pass type I membrane protein
Tissue Location	Highly expressed in heart, placenta, pancreas, lung and liver and weakly expressed in spleen, lymph nodes and thymus

Images



Western blot analysis of CD273 expression in Hela (A), HepG2 (B) whole cell lysates. (Predicted band size: 30 kD; Observed band size: 45 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.