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

Anti-CD273-AcalephFluor568-labled

Catalog # AP101830

Product Information

Application	FC, IF/IC
Primary Accession	Q9WUL5
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	27820

Additional Information

Gene ID	58205
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 mouse CD273
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Rat IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Pdcd1lg2
Synonyms	B7dc, Btdc, Cd273, Pdl2
Function	Plays a critical role in induction and maintenance of immune tolerance to self (PubMed:11224527, PubMed:11283156, PubMed:12719480, PubMed:18641123). 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, PubMed:11283156, PubMed:12719480, PubMed:18641123).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q9BQ51}; Single-pass type I membrane protein
Tissue Location	Expressed in immature and mature bone marrow- derived dendritic cells and splenic dendritic cells. Highly expressed in placenta, liver and weakly expressed in heart, spleen, lymph nodes and thymus. Also expressed in some tumor cell lines of lymphoid origin

Background

AcalephFluor568-labled rat monoclonal antibody to CD273

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