

PDCD1LG2

Recombinant Human PD-L2/CD273:Mouse Fc Chimera

Catalog No.	CRH035	Quantity:	100 µg
Alternate Names:	B7DC, Btdc, PDL2, CD273, PD-L2, PDCD1L2		
Description:	T cells require a signal induced by the engagement of the T cell receptor and a costimulatory signal(s) through distinct T cell surface molecules for optimal T cell activation and tolerance. CD273 (PD-L2) is one of two ligands for programmed death-1 (PD-1; CD279), a member of the CD28 family of immunoreceptors. The other identified ligand is PD-L1. CD273 is broadly expressed and also up regulated in a variety of tumor cell lines. On previously activated T cells, CD273 interaction with PD-1 inhibits TCR mediated proliferation and cytokine production, suggesting an inhibitory role in regulating immune responses. CD273 has a costimulatory function on resting T cells activated with suboptimal TCR signals. The extracellular domain of human CD273 [PD-L2] (aa 20-219) is fused to the N-terminus of the Fc region of mouse IgG2a.		
Gene ID:	80380		
Protein Accession No:	NP_079515.2		
Source:	CHO cells		
Formulation:	Lyophilized from a 0.2 µm filtered solution containing PBS.		
Purity:	≥98% (SDS-PAGE)		
Endotoxin Level:	<0.06 EU/µg purified protein as determined by LAL test (Lonza).		
Biological Activity:	Measured by its binding ability in a functional ELISA.		
Reconstitution:	Reconstitute with 100 µl (1 mg/ml) sterile water. Add 1X PBS to the desired protein concentration.		
Storage & Stability:	Store at 4°C upon arrival and at -20°C for long term. Lyophilized product is stable for at least 1 year after receipt when stored at -20°C. After reconstitution, prepare aliquots and store at -20°C. Stable for up to 3 month at -20°C. Avoid repeated freeze-thaw cycles.		

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