

Anti-PD-L2 Reference Antibody (Merck patent anti-PD-L2)

Catalog # APR11302

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9BQ51
Reactivity	Human
Clonality	Monoclonal
Isotype	mIgG1
Calculated MW	30957

Additional Information

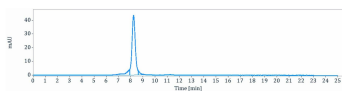
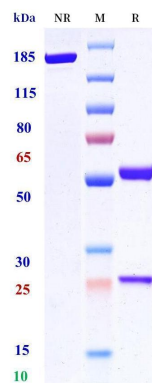
Target/Specificity	PD-L2 / CD273
Expression system	CHO

Protein Information

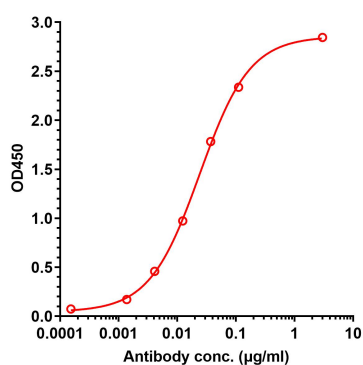
Name	PDCD1LG2
Synonyms	B7DC, CD273, PDCD1L2, PDL2
Function	Plays a critical role in induction and maintenance of immune tolerance to self (PubMed: 11224527 , PubMed: 12538684). Acts as a ligand for the inhibitory receptor PDCD1/PD-1, inhibiting T-cell proliferation by blocking cell cycle progression 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

Anti-PD-L2 Reference Antibody (Merck patent anti-PD-L2) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-PD-L2 Reference Antibody (Merck patent anti-PD-L2) is 98.6%, determined by SEC-HPLC.



Immobilized hu-PD-L2-ECD-His at 2 μg/mL can bind Merck patent anti-PD-L2, EC₅₀= 0.01093 μg/mL.

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