

PD-L2 / PDCD1LG2 / CD273 Antibody

Mouse Monoclonal Antibody [Clone PDL2/2681]

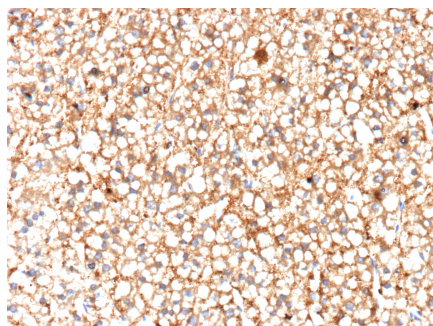
Catalog No	Format	Size
80380-MSM11-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug
80380-MSM11-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
80380-MSM11-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

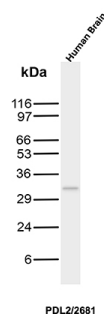
Product Details	
Clone	PDL2/2681
Gene Name	PDCD1LG2
Immunogen	Recombinant fragment (around aa 27-220) of human PD-L2 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	31kDa
Cellular Localization	Extracellular matrix, Extracellular space, Secreted
Species Reactivity	Human
Positive Control	Placenta or Pancreas. Thyroid Carcinoma.

**Optimal dilution for a specific application should be determined.*

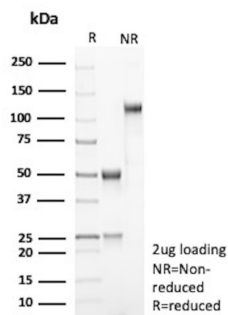
Product Images for PD-L2 / PDCD1LG2 / CD273 Antibody



Formalin-fixed, paraffin-embedded human adrenal gland stained with PDL2 Mouse Monoclonal Antibody (PDL2/2681). HIER: Tris/EDTA, pH9.0, 45min. 2°. HRP-polymer, 30min. DAB, 5min.



Western blot analysis of human brain tissue lysate using PDL2 Mouse Monoclonal Antibody (PDL2/2681).



SDS-PAGE Analysis Purified PDL2 Mouse Monoclonal Antibody (PDL2/2681).
Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Recognizes a protein of about 31kDa, which is identified as PD-L2 (same as PDCD1LG2). Engagement of CD28 by B7-1 (CD80) or B7-2 (CD86) in the presence of antigen promotes T cell proliferation, cytokine production, differentiation of effector T cells and the induction of Bcl-x, a promoter of T cell survival. Conversely, engagement of CTLA4 by B7-1 or B7-2 may inhibit proliferation and IL-2 production. PD-L2 does not bind CD28, cytotoxic T lymphocyte A4 or ICOS (inducible co-stimulator). The constitutive expression of PD-L1 and PD-L2 on parenchymal cells of heart, lung and kidney suggests that the Pdccl-1-Pdccl-L system could provide unique negative signaling to help prevent autoimmune disease.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Dendritic Cell Marker, Immunology, PD-1 blockade immunotherapy