

Mouse anti-Human PD-L1/PDCD1LG1/CD274/B7-H1 Monoclonal Antibody | anti-CD274 antibody

PD-L1/PDCD1LG1/CD274/B7-H1 (Cancer Immunotherapy Target) Recombinant Mouse Monoclonal Antibody [Clone rPDL1/4772]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215685	Mouse	Human	Immunohistochemistry

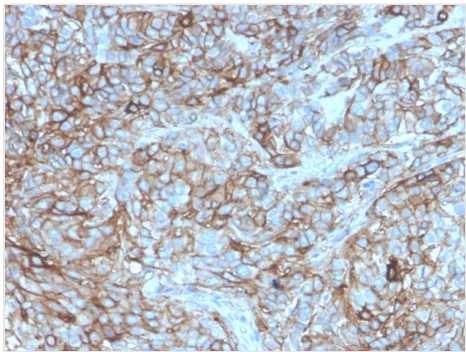
PRODUCT SYNONYMS

PD-L1/PDCD1LG1/CD274/B7-H1; Monoclonal Antibody; PD-L1/PDCD1LG1/CD274/B7-H1 (Cancer Immunotherapy Target) Recombinant Mouse Monoclonal Antibody [Clone rPDL1/4772]; PD-L1/PDCD1LG1/CD274/B7-H1 (Cancer Immunotherapy Target); B7 homolog 1; B7-H1; CD274; PD-L1; PDCD1 ligand 1; PDCD1L1; PDCD1LG1; Programmed cell death 1 ligand 1; anti-CD274 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a, kappa
Clone Number	rPDL1/4772
Form/Format	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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CD274 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	KLH-conjugated linear peptide corresponding to human PD-L1
Cellular Localization	Cell Surface and Cytoplasmic
Positive Control	Human placenta, spleen or tonsil tissue.
Hu-chromosome Location	9p24.1
Unigene	521989
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human breast carcinoma stained with PD-L1 Recombinant Mouse Monoclonal Antibody (rPDL1/4772).

ADDITIONAL INFORMATION

Related Product Information for anti-CD274 antibody	PD-L1 is a checkpoint regulator in immune cells, it is expressed on immune or non-hematopoietic cells. Expression of the protein is seen during pregnancy where it has a role in suppressing the immune system. PD-L1 induces an inhibitory signal in activated T-cells and promotes T-cell apoptosis. It is overexpressed in a number of different cancers where it is believed to play a significant role in the cancer s ability to evade the immune system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	390979639
NCBI GeneID	29126
NCBI Accession #	NP_001254635.1
NCBI GenBank Nucleotide #	NM_001267706.1
UniProt Accession #	Q9NZQ7; Q14CJ2; Q2V8D5; Q66RK1; Q6WEX4; Q9NUZ5; B2RBA2; B4DU27
Molecular Weight	33,275 Da
NCBI Official Full Name	programmed cell death 1 ligand 1 isoform b
NCBI Official Synonym Full Names	CD274 molecule
NCBI Official Symbol	CD274
NCBI Official Synonym Symbols	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1
UniProt Protein Name	Programmed cell death 1 ligand 1
UniProt Gene Name	CD274
UniProt Synonym Gene Names	B7H1; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1
UniProt Entry Name	PD1L1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.