

Mouse anti-Human, Pig Programmed Cell Death Protein 1 Ligand 1 (PDL1) Monoclonal Antibody | anti-PDL1 antibody

Monoclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1)

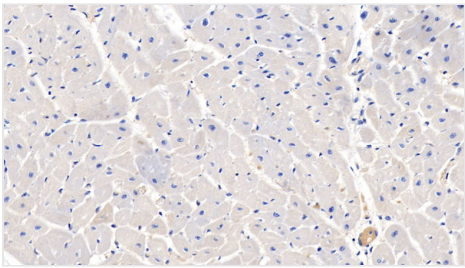
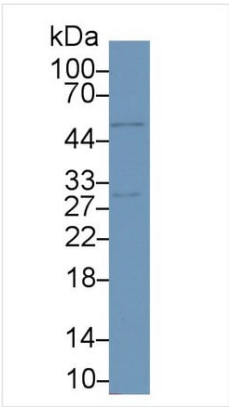
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151622	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Programmed Cell Death Protein 1 Ligand 1 (PDL1); Monoclonal Antibody; Monoclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1); PDL1/Programmed Cell Death Protein 1 Ligand 1; CD274; PDCD1LG1; B7H; B7H1; PDL1; PDCD1L1; Programed Death Ligand 1; anti-PDL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C6
Specificity	The antibody is a mouse monoclonal antibody raised against PDL1. It has been selected for its ability to recognize PDL1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PDL1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Pro24~Pro234
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Cardiac Muscle Tissue; Primary Ab: 20ug/ml Mouse AntiHuman PDCD1LG1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

WB (Western Blot)
Western Blot; Sample: Porcine Skeletal muscle lysate Primary Ab: 2ug/ml Mouse AntiHuman PDCD1LG1 Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDL1 antibody Signal transduction; Tumor immunity; Infection immunity; Immune molecule; Autoimmunity; Primary

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.