

Mouse anti-Human PDL-1 Monoclonal Antibody | anti-CD274 antibody

PDL-1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78250	Mouse	Human	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

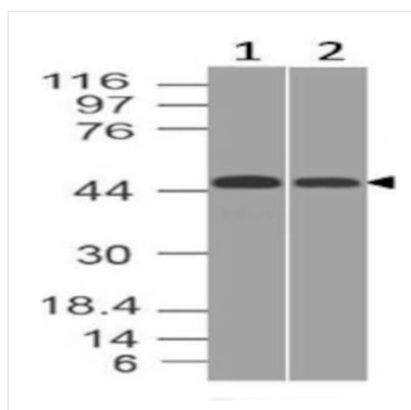
PRODUCT SYNONYMS

PDL-1; Monoclonal Antibody; CD274; B7H1; PDCD1L1; PDCD1LG1; PDL1; anti-CD274 antibody

PRODUCT SPECIFICATIONS

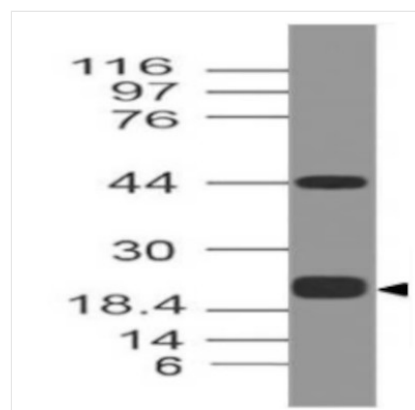
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, Kappa
Clone Number	ABM5F25
Purity/Purification	Protein G Chromatography
Form/Format	Purified; PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	176
Applicable Applications for anti-CD274 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	A partial length recombinant protein of PDL-1 (amino acid 13-224) was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



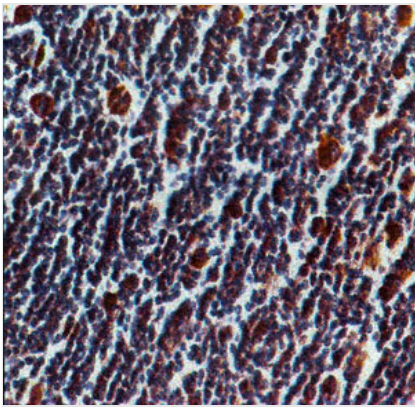
WB (Western Blot)

Western blot analysis of PDL1. Anti-PD-L1 antibody (Clone: ABM5F25) was tested at 0.5 ug/ml on (1) U87 and (2) THP1 lysates.

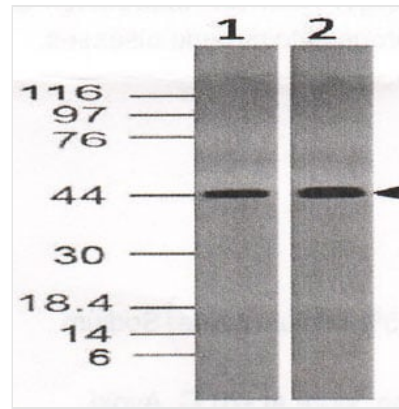


WB (Western Blot)

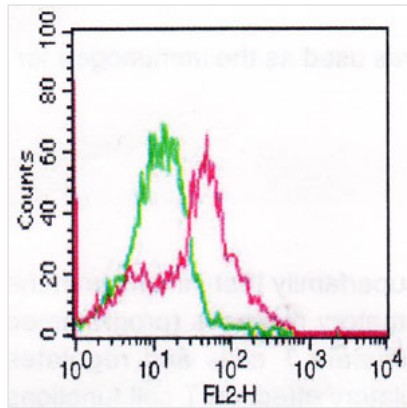
Western blot analysis of PDL1. Anti-PD-L1 antibody (Clone: ABM5F25) was tested at 0.5 ug/ml on Recombinant lysate.



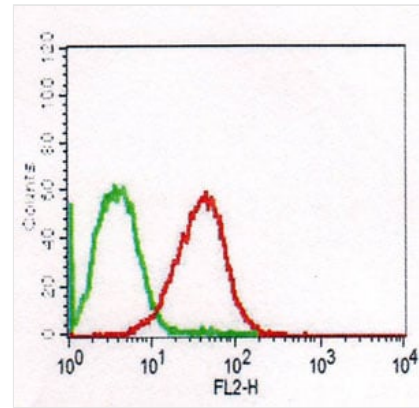
IHC (Immunohistochemistry)
Immunohistochemical analysis of PO-L 1 in Hodkin's Lymphoma tissue using POL 1 antibody (Clone: ABM5F25) at 5 ug /ml.



WB (Western Blot)
Western blot analysis of POL 1. Anti-PO-L 1 antibody (Clone: ABM5F25) was tested at 2 ug/ml on (1) Daudi and (2) HepG2 lysates.



FCM/FACS (Flow Cytometry)
Western blot analysis of PDL 1. Anti-PD-L 1 antibody (Clone: ABM5F25) was tested at 0.5 ug/ml on Recombinant lysate.



FCM/FACS (Flow Cytometry)
Cell surface flow analysis of PD-L 1 in CHO-PD-L 1 transfected cell line using 0.5ug/10⁶ cells of PD-L 1 antibody (Clone: ABM5F25). Green represents isotype control;red represents anti-PD-L 1 antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD274 antibody

PD-L 1 (CD274/B7-H1) is a critical membrane-bound costimulatory molecule belongs to the B7 superfamily that inhibits immune responses through its receptor, PD-1 and PD-L 1 plays a key role in the pathogenesis of inflammatory diseases (programmed death 1). It is widely expressed in the mononuclear phagocyte system (MPS), may co-stimulate T cells and regulates inflammatory responses. PD-L 1 exerts inflammation regulatory functions via a negative co-stimulatory effect on T cell functions to inhibit cytokine secretion , facilitate apoptosis of activated T cells and induce T cell anergy. Aberrant expression and dysregulation of CD274 have been reported during bacterial infection, inflammation and in numerous autoimmune diseases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	390979639
NCBI GeneID	29126
NCBI Accession #	NP_001254635.1
NCBI GenBank Nucleotide #	NM_001267706.1
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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdl-1-antibody-clone-abm5f25-western-blot-immunohistochemistry-flow-cytometry-elisa/78250>