

Mouse anti-Human hPD-L1 Monoclonal Antibody | anti-hPD-L1 antibody

Monoclonal Antibody to hPD-L1 (Clone: ABM4E54) PE Conjugated

CATALOG # AAA78431	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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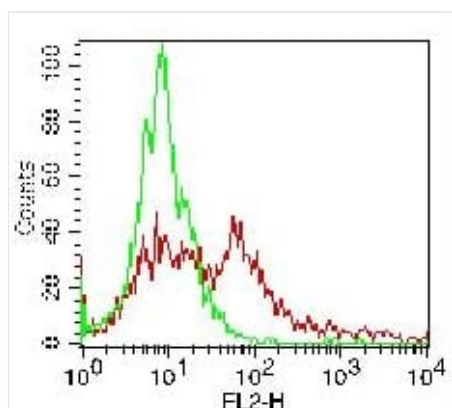
PRODUCT SYNONYMS

hPD-L1; Monoclonal Antibody; Monoclonal Antibody to hPD-L1 (Clone: ABM4E54) PE Conjugated; B7 homolog 1; anti-hPD-L1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	ABM4E54
Purity/Purification	Protein G Chromatography
Form/Format	Purified 25 Test in 125 ul/100 Test in 500 ?l PBS containing 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	176
Applicable Applications for anti-hPD-L1 antibody	FCM/FACS (Flow Cytometry)
Immunogen Information	A partial length recombinant PDL1 protein (amino acids 18-227) was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4°C; stable for 6 months.

IMAGES



FCM/FACS (Flow Cytometry)

Fig-1: Cell Surface FLOW analysis of PD-L1- PE in PHA treated human PBMC using 1 ug of PE conjugated PD-L1 antibody (Clone: ABM4E54). Green represents isotype control; red represents anti-PD-L1-PE (10-7562-PE) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-hPD-L1 antibody	PD-L1 (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-L1 play 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-L1 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.
Product Categories/Family for anti-hPD-L1 antibody	Cancer Marker

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
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

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://www.aaabiotech.com/monoclonal/hpd-l1-antibody-clone-abm4e54-flow-cytometry-elisa/78431>