

Rat anti-Mouse PD-L1 Monoclonal Antibody | anti-PD-L1 antibody

Anti-Mouse PD-L1 Monoclonal Antibody (PE Conjugated)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174665	Rat	Mouse	Flow Cytometry, Functional Assay

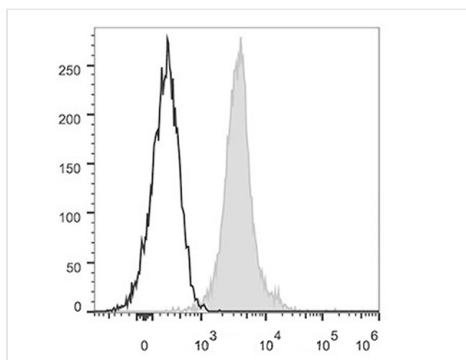
PRODUCT SYNONYMS

PD-L1; Monoclonal Antibody; Anti-Mouse PD-L1 Monoclonal Antibody (PE Conjugated); B7-H1; Programmed cell death ligand 1; B7 homolog 1; B7-H; B7H1; PDL1; PDCD1L1; PDCD1LG1; anti-PD-L1 antibody

PRODUCT SPECIFICATIONS

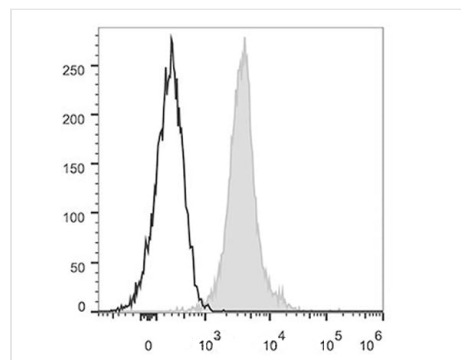
Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	10F.9G2
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	290
Applicable Applications for anti-PD-L1 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

C57BL/6 murine splenocytes are stained with Anti-Mouse PD-L1 Monoclonal Antibody(PE Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



FCM/FACS (Flow Cytometry)

Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PD-L1 antibody	CD274, also known as B7-H1 or programmed death ligand 1 (PD-L1), is a 40 kD type I transmembrane protein and a member of the B7 family within the immunoglobulin receptor superfamily. It is expressed on T cells, B cells, NK cells, dendritic cells, IFN-gamma activated endothelial cells, and monocytes. B7-H1 is one of the ligands of PD-1. The interaction of B7-H1 with PD-1 plays an important role in the inhibition of T cell responses. Other studies have shown that B7-H1 is able to costimulate T cell growth and cytokine production. CD274 is involved in costimulation essential for T cell proliferation and production of IL-10 and IFN-gamma, in an IL-2-dependent and a PD-1-independent manner. Its interaction with PD-1 inhibits T cell proliferation and cytokine production.
References	1. Sharpe A, et al. 2007. Nat. Immunol. 8:239. 2. Dong H, et al. 1999. Nat. Med. 5:1365. 3. Freeman G, et al. 2000. J. Exp. Med. 192:1030.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11230798
NCBI GeneID	60533
NCBI Accession #	NP_068693.1
NCBI GenBank Nucleotide #	NM_021893.3
UniProt Accession #	Q9EP73
NCBI Official Full Name	programmed cell death 1 ligand 1
NCBI Official Synonym Full Names	CD274 antigen
NCBI Official Symbol	Cd274
NCBI Official Synonym Symbols	B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik
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_MOUSE

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/pd-l1-antibody-clone-10f-9g2-flow-cytometry-elisa/174665>