

PD-L1 recombinant antibody

Anti-PD-L1 [B7HC0013], Rabbit IgG, kappa

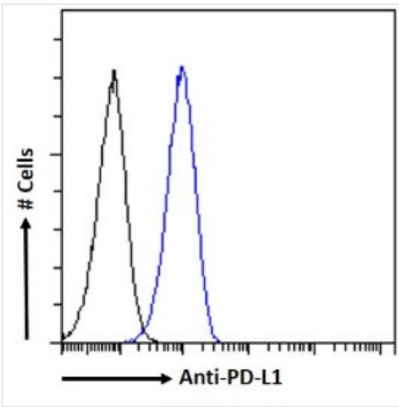
CATALOG # AAA72537	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

PD-L1; Monoclonal Recombinant Antibody; Anti-PD-L1 [B7HC0013]; Rabbit IgG; kappa; CD274; PDL1; B7-H1; B7H1; B7 homolog 1; hPD-L1; PDCD1L1; PDCD1LG1; PDCD1 ligand 1; Programmed cell death 1 ligand 1; Programmed death ligand 1; PD-L1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG kappa
Clone Number	B7HC0013
Specificity	This antibody binds human PD-L1.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for PD-L1 recombinant antibody	IHC (Immunohistochemistry), ELISA
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

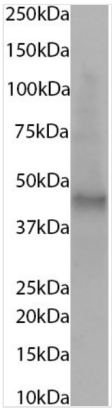


IF (Immunofluorescence)

Immunofluorescence staining of RAW264.7 cells with Anti-NKG2DCX-5. Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells stained with the chimeric rabbit IgG version of CX-5 (1:100 dilution) for 1h followed by AlexaFluor 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, AAA72537, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with AlexaFluor 488 secondary antibody.

IF (Immunofluorescence)

Immunofluorescence staining of 231 cells stained with the chimeric rabbit IgG version of CX-5 (1:100 dilution) for 1h followed by AlexaFluor 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, AAA72537, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with AlexaFluor 488 secondary antibody.



WB (Western Blot)

Western Blot using anti-PD-L1 antibody B7HC0013 (AAA72537). HeLa cell lysate (35ug protein in RIPA buffer) was resolved via SDS-PAGE, and the subsequent blot was probed with the chimeric rabbit version of B7HC0013 (AAA72537) at 0.5ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1 hour was used, and proteins were detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for PD-L1 recombinant antibody	The original antibody was generated by panning a naive human scfv library against decreasing concentrations of free recombinant human PD-L1 (his tagged).
References	WO2014165082 N/A

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pd-l1-recombinant-antibody-clone-b7hc0013-immunohistochemistry-elisa/72537>