

Rabbit anti-Human PD-L1 Monoclonal Antibody | anti-PD-L1 antibody

Recombinant PD-L1 antibody [AC37]

CATALOG # AAA291002	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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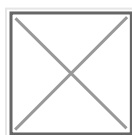
PRODUCT SYNONYMS

PD-L1; Monoclonal Antibody; Recombinant PD-L1 antibody [AC37]; Programmed cell death 1 ligand 1; PDCD1 ligand 1; Programmed death ligand 1; B7 homolog 1; B7-H1; CD274; B7H1; PDCD1L1; PDCD1LG1; PDL1; PDL-1; anti-PD-L1 antibody

PRODUCT SPECIFICATIONS

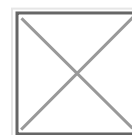
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Specificity	Recombinant anti-PD-L1 monoclonal antibody recognizes endogenous levels of total PD-L1 protein.
Form/Format	Purified recombination monoclonal antibody supplied in PBS with 0.05% (W/V) Proclin300, and 0.05% BSA. This antibody is purified through a protein A column.
Applicable Applications for anti-PD-L1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



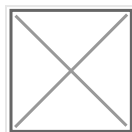
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded NCI-H226 (left) and HEK 293 transfected with PD-L1(right). Cell was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody for 15 min at room temperature. Secondary: Goat Anti-Rabbit IgG (H&L)



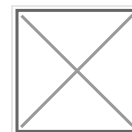
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human esophageal squamous carcinoma tissue. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody for 15 min at room temperature. Secondary: Goat Anti-Rabbit IgG (H&L)



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody for 15 min at room temperature. Secondary: Goat Anti-Rabbit IgG (H&L)



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody for 15 min at room temperature. Secondary: Goat Anti-Rabbit IgG (H&L)



WB (Western Blot)

All lanes : Anti-PDL-1 Antibody at 1:1000 dilution Lane 1: HEK 293 transfected with PDL1 whole cell lysate Lane 2: 293 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG (H&L) HRP. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PD-L1 antibody

Plays a critical role in induction and maintenance of immune tolerance to self (PubMed:11015443, PubMed:28813417, PubMed:28813410). As a ligand for the inhibitory receptor PDCD1/PD-1, modulates the activation threshold of T-cells and limits T-cell effector response (PubMed:11015443, PubMed:28813417, PubMed:28813410). Through a yet unknown activating receptor, may costimulate T-cell subsets that predominantly produce interleukin-10 (IL10) (PubMed:10581077).

NCBI AND UNIPROT INFORMATION

NCBI GeneID	29126
UniProt Accession #	Q9NZQ7
Molecular Weight	33275 Da

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-immunohistochemistry-western-blot-elisa/291002>