

Rabbit anti-Human, Mouse PD-L1/CD274 Polyclonal Antibody | anti-PD-L1/CD274 antibody

PD-L1/CD274 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282231	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

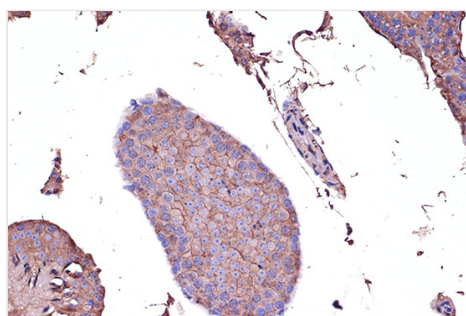
PRODUCT SYNONYMS

PD-L1/CD274; Polyclonal Antibody; PD-L1/CD274 Rabbit pAb; CD274; B7-H; B7H1; PD-L1; PDCD1L1; PDCD1LG1; PDL1; CD274 molecule; anti-PD-L1/CD274 antibody

PRODUCT SPECIFICATIONS

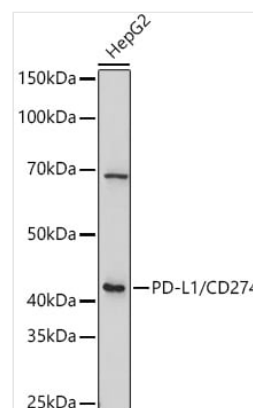
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Applicable Applications for anti-PD-L1/CD274 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Positive Samples	HepG2
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 131-239 of human PD-L1/CD274 (NP_054862.1).
Cellular Location	Cell membrane, Endomembrane system, Single-pass type I membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse testis using PD-L1/CD274 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using PD-L1/CD274 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-PD-L1/CD274 antibody	This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PD-L1/CD274 antibody	Immunology & Inflammation; CD markers; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	29126
UniProt Accession #	Q7XV05
Molecular Weight	Observed MW: 40KDa Calculated MW: 20kDa/33kDa

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/polyclonal/pd-l1-cd274-antibody-immunohistochemistry-western-blot-elisa/282231>