

Rabbit anti-Human PD-L2 Polyclonal Antibody | anti-PDCD1LG2 antibody

Anti-PD-L2 Antibody, Rabbit Polyclonal

CATALOG # AAA254803	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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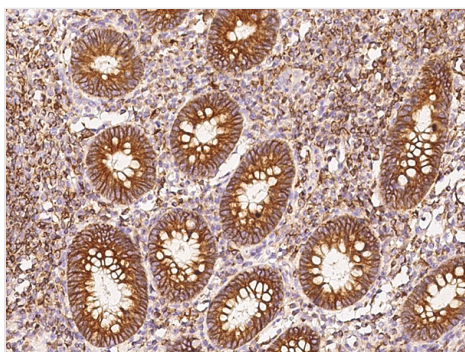
PRODUCT SYNONYMS

PD-L2; Polyclonal Antibody; Anti-PD-L2 Antibody; Rabbit Polyclonal; PD-L2/B7-DC/CD273 Antibody; Rabbit PAb; Antigen Affinity Purified; programmed cell death 1 ligand 2; Anti-B7-DC Antibody; Anti-B7DC Antibody; Anti-bA574F11.2 Antibody; Anti-Btdc Antibody; Anti-CD273 Antibody; Anti-PDCD1L2 Antibody; Anti-PDL2 Antibody; anti-PDCD1LG2 antibody

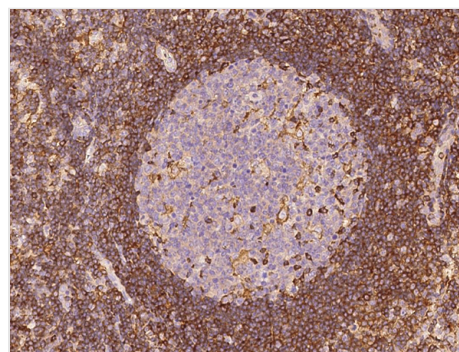
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PD-L2/B7-DC/CD273
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PDCD1LG2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human PD-L2/B7-DC/CD273 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human PD-L2/B7-DC/CD273 (rh PD-L2/B7-DC/CD273). PD-L2/B7-DC/CD273 specific IgG was purified by Human PD-L2/B7-DC/CD273 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human PD-L2 in human appendix with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human PD-L2 in human lymph node with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD1LG2 antibody	Programmed death ligand 2 (PD-L2), also referred to as B7-DC and CD273, is a member of the B7 family of proteins including B7-1, B7-2, B7-H2, B7-H1 (PD-L1), and B7-H3. PD-L2 is a type I membrane protein and structurally consists of an extracellular region containing one V-like and one C-like Ig domain, a transmembrane region, and a short cytoplasmic domain. PD-L2 is expressed on antigen presenting cells, placental endothelium and medullary thymic epithelial cells, and can be induced by LPS in B cells, INF-? in monocytes, or LPS plus IFN-? in dendritic cells. The CD28 and B7 protein families are critical regulators of immune responses. PD-L2 and PD-L1 are two ligands for PD-1, member of the CD28/CTLA4 family expressed on activated lymphoid cells, and thus provide signals for regulating T cell activation and immune tolerance. The interaction of B7-DC/PD-1 exhibited a 2-6-fold higher affinity compared with the interaction of B7-H1/PD-1.
Product Categories/Family for anti-PDCD1LG2 antibody	Cancer Drug Targets
References	Latchman Y, et al. (2001) PD-L2 is a second ligand for PD-1 and inhibits T cell activation. Nat Immunol. 2: 261-8.Carreno BM, et al. (2005) Therapeutic opportunities in the B7/CD28 family of ligands and receptors. Curr Opin Pharmacol. 5(4): 424-30.Radhakrishnan S, et al. (2007) B7-DC/PD-L2 cross-linking induces NF-kappaB-dependent protection of dendritic cells from cell death. J Immunol. 178(3): 1426-32.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190014605
NCBI GeneID	80380
NCBI Accession #	NP_079515.2
NCBI GenBank Nucleotide #	NM_025239.3
UniProt Accession #	Q9BQ51; Q14CN8; Q5T7Z6; Q6JXL8; Q6JXL9
Molecular Weight	20,745 Da
NCBI Official Full Name	programmed cell death 1 ligand 2
NCBI Official Synonym Full Names	programmed cell death 1 ligand 2
NCBI Official Symbol	PDCD1LG2
NCBI Official Synonym Symbols	B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2
NCBI Protein Information	programmed cell death 1 ligand 2
UniProt Protein Name	Programmed cell death 1 ligand 2
UniProt Gene Name	PDCD1LG2
UniProt Synonym Gene Names	B7DC; CD273; PDCD1L2; PDL2; PD-1 ligand 2; PD-L2; PDCD1 ligand 2; Programmed death ligand 2; B7-DC
UniProt Entry Name	PD1L2_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/polyclonal/pd-l2-antibody-immunohistochemistry-elisa/254803>