

Rabbit PDL-2 Polyclonal Antibody | anti-PDCD1LG2 antibody

PDL-2 Antibody

CATALOG # AAA10942	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry, Immunofluorescence
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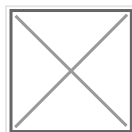
PRODUCT SYNONYMS

PDL-2; Polyclonal Antibody; PDL-2 Antibody; B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2; Programmed cell death 1 ligand 2; Butyrophilin B7-DC; PD-1 ligand 2; programmed cell death 1 ligand 2; anti-PDCD1LG2 antibody

PRODUCT SPECIFICATIONS

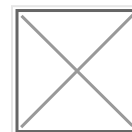
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PDL-2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	273
Applicable Applications for anti-PDCD1LG2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	PDL-2 antibody can be used for detection of PDL-2 by Western blot at 0.5 - 2 mug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 mug/mL. For immunofluorescence start at 20 mug/mL.
Conjugate	Unconjugated
Immunogen	PDL-2 antibody was raised against a 16 amino acid synthetic peptide from near the center of human PDL-2.
Buffer	PDL-2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PDL-2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of PD-L2 in mouse brain tissue with PD-L2 antibody at 20 μg/ml.Green: PD-L2 Antibody (4063)Blue: DAPI staining



IF (Immunofluorescence)

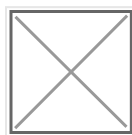
Immunofluorescence of PD-L2 in mouse brain tissue with PD-L2 antibody at 20 μg/ml.

**IHC (Immunohistochemistry)**

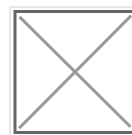
Immunohistochemistry of PD-L2 in mouse brain tissue with PD-L2 antibody at 2.5 μg/mL.

**IF (Immunofluorescence)**

Immunofluorescence of PD-L2 in Mouse Brain cells with PD-L2 antibody at 20 μg/mL.

**IHC (Immunohistochemistry)**

Immunohistochemistry of PD-L2 in mouse brain tissue with PD-L2 antibody at 2.5 μg/mL.

**WB (Western Blot)**

Western blot analysis of PD-L2 in Raji cell lysate with PD-L2 antibody at 0.5 and 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD1LG2 antibody

PDL-2 Antibody: Cell-mediated immune responses are initiated by T lymphocytes that are themselves stimulated by cognate peptides bound to MHC molecules on antigen-presenting cells (APC). T-cell activation is generally self-limited as activated T cells express receptors such as PD-1 (also known as PDCD-1) that mediate inhibitory signals from the APC. PD-1 can bind two different but related ligands, PDL-1 and PDL-2, both of which are thought to act as a negative regulator of T cell activation. However, it has been suggested that PDL-2 can act to stimulate an immunogenic response through an alternative receptor from PD-1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190014605
NCBI GeneID	80380
NCBI Accession #	NP_079515
NCBI GenBank Nucleotide #	NM_025239.3
UniProt Accession #	Q9BQ51 ; Q14CN8 ; Q5T7Z6 ; Q6JXL8 ; Q6JXL9
Molecular Weight	Predicted: 30 kDa Observed: 32 kDa
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; B7-DC; PD-1 ligand 2; PD-1-ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; programmed death ligand 2; B7 dendritic cell molecule
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/pdl-2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10942>