Mouse PDCD1LG2 Monoclonal Antibody | anti-PDCD1LG2 antibody

PDCD1LG2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290922	**Mouse**	**HumanPredicted: Mouse**	**ELISA, Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

PDCD1LG2; Monoclonal Antibody; PDCD1LG2 Antibody (N-term); Programmed cell death 1 ligand 2; PD-1 ligand 2; PD-L2; PDCD1 ligand 2; Programmed death ligand 2; Butyrophilin B7-DC; B7-DC; CD273; B7DC; PDCD1L2; PDL2; anti-PDCD1LG2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Predicted: Mouse
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	2011CT265.19.18
Specificity	This PDCD1LG2 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 40-75 amino acids from the N-terminal region of human PDCD1LG2.
Purity/Purification	Purified through a protein G column, followed by dialysis against PBS.
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	273
Applicable Applications for anti-PDCD1LG2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Antigen Type	Synthesized Peptide
Antigen Source	Human
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

WB (Western Blot)
Dilution: WB - 1:8000All lanes: Anti-PDCD1LG2 Antibody (N-term) at 1:8000 dilution Lane 1: Non-transfected 293T whole cell lysate Lane 2: Transfected PD-L2-transfected 293T whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 31 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

IHC (Immunohistochemistry)
Dilution: IHC-P - 1:25Immunohistochemical analysis of PDL-2 in untransfected(left) or transfected(right) with 293T cell sections. Cell was fixed with formaldehyde; antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:25) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD1LG2 antibody	Involved in the costimulatory signal, essential for T- cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).
Product Categories/Family for anti-PDCD1LG2 antibody	Immunology
References	Tseng S.-Y.,et al.J. Exp. Med. 193:839-846(2001). Latchman Y.,et al.Nat. Immunol. 2:261-268(2001). He X.-H.,et al.Acta Biochim. Biophys. Sin. 36:284-289(2004). Humphray S.J.,et al.Nature 429:369-374(2004). Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	190014605
NCBI GeneID	80380
NCBI Accession #	NP_079515.2
NCBI GenBank Nucleotide #	NM_025239.3
UniProt Accession #	Q9BQ51
Molecular Weight	30957 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/monoclonal/pdcd1lg2-antibody-clone-2011ct265-19-18-western-blot-immunohistochemistry-elisa/290922