

Rabbit PDCD1LG2 Polyclonal Antibody | anti-PDCD1LG2 antibody

PDCD1LG2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282259	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

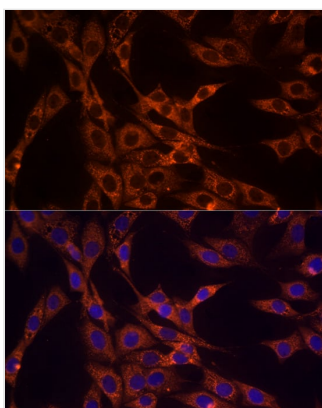
PRODUCT SYNONYMS

PDCD1LG2; Polyclonal Antibody; PDCD1LG2 Rabbit pAb; B7DC; Btdc; CD273; PD-L2; PDCD1L2; PDL2; bA574F11.2; anti-PDCD1LG2 antibody

PRODUCT SPECIFICATIONS

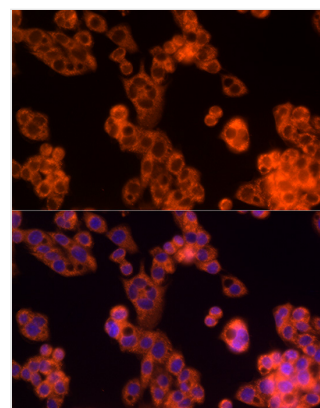
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MSYKPNLAAH MPAAALNAAG SVHSPSTSMA TSSQYRQLLS DYGPPLSLGYT QGTGNSQVPQ SKYAELLAI EELGKEIRPT YAGSKSAMER LKRGIIHARG LVRECLAETE RNARS
Applicable Applications for anti-PDCD1LG2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	Rat spleen, Rat thymus
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human PDCD1LG2 (NP_079515.2).
Cellular Location	external side of plasma membrane, extracellular region, plasma membrane
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



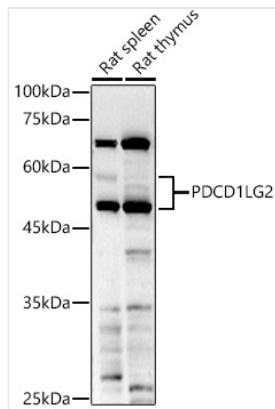
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using PDCD1LG2 Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using PDCD1LG2 Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PD-CD1LG2 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: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-PD-CD1LG2 antibody	Programmed Death Ligand 2 (PD-L2), also known as B7-DC and butyrophilin-like protein, is a member of the B7 family of proteins that provide signals for regulating T-cell activation and tolerance. PD-L2 is expressed on dendritic cells, subsets of activated CD4+ and CD8+ T cells, and memory B cells that differentiate into plasma cells. At inflammatory sites such as rheumatoid arthritis, allergen exposure, and virus infection, PD-L2 is up-regulated on synoviocytes, infiltrating macrophages, dendritic cells, and airway epithelial cells. PD-L2, along with B7-H1/PD-L1, binds to T cell PD-1 where it promotes IFN-gamma production and CD40 Ligand up-regulation while inhibiting IL-4 production. In addition, PD-L2 binds to RGM-B on macrophages and alveolar epithelial cells, supporting respiratory immune tolerance. In asthma, PD-L2 suppresses IL-5 and IL-13 production, promotes IL-12 production by dendritic cells, and supports allergen-induced airway hyper-responsiveness and mucus production.
Product Categories/Family for anti-PD-CD1LG2 antibody	Immunology & Inflammation ; CD markers ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	394025686
NCBI GeneID	8099
NCBI Accession #	NP_001257362.1
NCBI GenBank Nucleotide #	NM_001270433.1
UniProt Accession #	O14519 ; F5GYA4
Molecular Weight	12,365 Da
NCBI Official Full Name	cyclin-dependent kinase 2-associated protein 1 isoform 2
NCBI Official Synonym Full Names	cyclin-dependent kinase 2 associated protein 1
NCBI Official Symbol	CDK2AP1
NCBI Official Synonym Symbols	DOC1; ST19; DORC1; doc-1; p12DOC-1
NCBI Protein Information	cyclin-dependent kinase 2-associated protein 1; Deleted in oral cancer-1; deleted in oral cancer 1; CDK2-associated protein 1; putative oral cancer suppressor
UniProt Protein Name	Cyclin-dependent kinase 2-associated protein 1
UniProt Gene Name	CDK2AP1
UniProt Synonym Gene Names	CDKAP1; DOC1; CDK2-associated protein 1; DOC-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdcd1lg2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282259>