

Rabbit PDCD1/CD279/PD-1 Polyclonal Antibody | anti-PDCD1 antibody

PDCD1/CD279/PD-1 Rabbit anti-Human Polyclonal (Internal) Antibody

CATALOG # AAA163084	HOST Rabbit	REACTIVITY Mouse, Rat, Human	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

PDCD1/CD279/PD-1; Polyclonal Antibody; PDCD1/CD279/PD-1 Rabbit anti-Human Polyclonal (Internal) Antibody; PathPlus PDCD1/CD279/PD-1 Antibody (Internal); PDCD1; CD279; HPD-1; HPD-I; PD1; Protein PD-1; SLEB2; PD-1; CD279 antigen; Programmed cell death 1; anti-PDCD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CD279 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH7.3, 0.01% Sodium Azide, 30% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PDCD1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target	Human PDCD1/CD279/PD-1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human CD279.
Conjugation	Unconjugated
Epitope	Internal
Family	Apoptosis
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

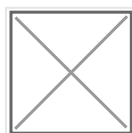
IMAGES


IHC (Immunohistochemistry)

PDCD1/CD279/PD-1 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

PDCD1/CD279/PD-1 Antibody-Human Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)


WB (Western Blot)

PDCD1/CD279/PD-1 Antibody-Western blot analysis of CD279 expression in THP1 (A); HepG2 (B); mouse liver (C); H9C2 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD1 antibody	PD-1 antibody is an unconjugated rabbit polyclonal antibody to PD-1 (PDCD1/CD279)(Internal) from human. It is reactive with human, mouse and rat. Validated for IHC and WB. PD1 (Programmed Death Receptor 1, PDCD1, CD279) is an immune checkpoint protein active in T cells that is a target alongside its ligand PDL1 and also CTLA-4 for immunotherapy in lung and other cancers. PD1 is involved in negatively regulating T cell inflammatory activity and, when bound to receptors on tumor cells, can work to subdue tumor suppression by inhibiting the immune response. Targeted inhibition of PD1 itself can therefore function as an anti-cancer therapy by reactivating this response. PD1 is expected to have membranous staining in germinal center associated helper T cells, CD8+ T cells, and Pro-B cells. It is for the identification of subsets of T and B cell lymphomas and nodular lymphocyte predominant Hodgkin lymphomas.
References	Alsaab, 2017; Jin, 2011; Francisco, 2010; Fife, 2011; Human Pathol 2008 39(7):1050

NCBI AND UNIPROT INFORMATION

NCBI GI #	167857792
NCBI GeneID	5133
NCBI Accession #	NP_005009.2
NCBI GenBank Nucleotide #	NM_005018
UniProt Accession #	Q15116; O00517; Q8IX89
Molecular Weight	31,647 Da
NCBI Official Full Name	programmed cell death protein 1
NCBI Official Synonym Full Names	programmed cell death 1
NCBI Official Symbol	PDCD1
NCBI Official Synonym Symbols	PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
NCBI Protein Information	programmed cell death protein 1; protein PD-1; systemic lupus erythematosus susceptibility 2
UniProt Protein Name	Programmed cell death protein 1
UniProt Gene Name	PDCD1
UniProt Synonym Gene Names	PD1; Protein PD-1; hPD-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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdcd1-cd279-pd-1-antibody-western-blot-immunohistochemistry-elisa/163084>