

Rabbit anti-Human PD1 Monoclonal Antibody | anti-PD1 antibody

PD1 Antibody

CATALOG # AAA312187	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

PD1; Monoclonal Antibody; PD1 Antibody; CD279 antibody; CD279 antigen antibody; hPD 1 antibody; hPD I antibody; hPD-1 antibody; hSLE1 antibody; PD 1 antibody; PD-1 antibody; PD1 antibody; PDCD 1 antibody; PDCD1 antibody; PDCD1_HUMAN antibody; Programmed cell death 1 antibody; Programmed cell death 1 protein antibody; Programmed cell death protein 1 antibody; Protein PD 1 antibody; Protein PD-1 antibody; SLEB2 antibody; Systemic lupus erythematosus susceptibility 2 antibody; anti-PD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SJ01-91
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-PD1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of over-expressed PD1 (whole extracellular domain) on 293T cell lysate using anti-PD1 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PD1 antibody

Pdcd-1 (Programmed Cell Death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobulin gene superfamily. Pdcd-1 contains an immunoreceptor tyrosine-based inhibitory motif (ITIM) within the cytoplasmic domain, which is conserved between the mouse and human homologs. Expression of Pdcd-1 is detected in mouse thymus, and it is induced in stimulated B and T cell lines, where it may play a role in the negative regulation of various immune responses. Receptors such as Pdcd-1 function by recruiting tyrosine phosphatases, including SHP-1 and SHIP, which are responsible for altering various B cell responses. Additionally, in activated lymphocytes, Pdcd-1 mediates the activation of the classical type of programmed cell death.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145559515
NCBI GeneID	5133
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
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.