

PD1 Rabbit mAb
Catalog # AP77434**Specification**

PD1 Rabbit mAb - Product Information

Application	IHC
Primary Accession	Q15116
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	31647

PD1 Rabbit mAb - Additional Information**Gene ID** 5133**Other Names**
PDCD1**Dilution**
IHC~~1/50-1/100**Format**
Liquid**PD1 Rabbit mAb - Protein Information****Name** PDCD1 {ECO:0000303|PubMed:7851902, ECO:0000312|HGNC:HGNC:8760}**Function**

Inhibitory receptor on antigen activated T-cells that plays a critical role in induction and maintenance of immune tolerance to self (PubMed:21276005). Delivers inhibitory signals upon binding to ligands CD274/PDCD1L1 and CD273/PDCD1LG2 (PubMed:21276005). Following T-cell receptor (TCR) engagement, PDCD1 associates with CD3-TCR in the immunological synapse and directly inhibits T-cell activation (By similarity). Suppresses T-cell activation through the recruitment of PTPN11/SHP-2: following ligand-binding, PDCD1 is phosphorylated within the ITSM motif, leading to the recruitment of the protein tyrosine phosphatase PTPN11/SHP-2 that mediates dephosphorylation of key TCR proximal signaling molecules, such as ZAP70, PRKCQ/PKCtheta and CD247/CD3zeta (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein

PD1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PD1 Rabbit mAb - Images

