

**PD-1**  
**Rabbit Monoclonal antibody(Mab)**  
**Catalog # AD80153**

## Specification

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### PD-1 - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">Q15116</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	31647

### PD-1 - Additional info

Gene ID	5133
Gene Name	PDCD1
<b>Other Names</b>	
Programmed cell death protein 1, Protein PD-1, hPD-1, CD279, PDCD1 {ECO:0000303 PubMed:7851902, ECO:0000312 HGNC:HGNC:8760}	

### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

### Storage

**This product is stored at 2-255 °C, please use it within the expiration date.**

### Precautions

**PD-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### PD-1 - Protein Information

**Name** PDCD1 {ECO:0000303|PubMed:7851902, ECO:0000312|HGNC:HGNC:8760}

Synonyms  
Function

**PD1**  
**Inhibitory cell surface receptor involved in the regulation of T-cell function during immunity and tolerance. Upon ligand binding, inhibits T-cell effector functions in an antigen- specific manner. Possible cell death inducer, in association with other factors.**

Cellular Location

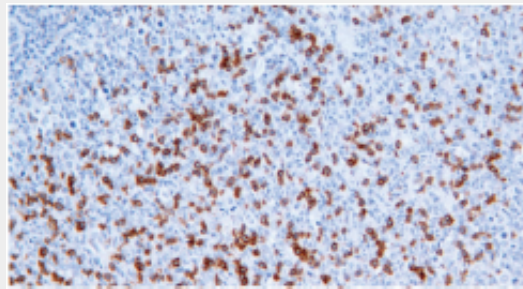
**Membrane; Single-pass type I membrane protein**

### PD-1 - Protocols

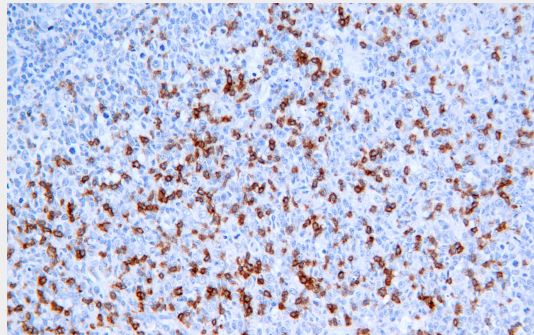
Provided below are standard protocols that you may find useful for product applications.

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

#### PD-1 - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80153 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH 6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.