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## Recombinant anti-PD-1 antibody

**Images** 



#### Overview

Quantity:	100 μL
Target:	PD-1 (PDCD1)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This PD-1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### **Product Details**

Immunogen:	A synthesized peptide derived from human PD1
Clone:	8E9
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

## Target Details

Target:	PD-1 (PDCD1)
Alternative Name:	PDCD1 (PDCD1 Products)
Background:	Background: 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.	
Aliases: Programmed cell death protein 1 (Protein PD-1) (hPD-1) (CD antigen CD279), PDCD1,	
PD1	
015116	

UniProt: Q15116

Pathways: Cancer Immune Checkpoints

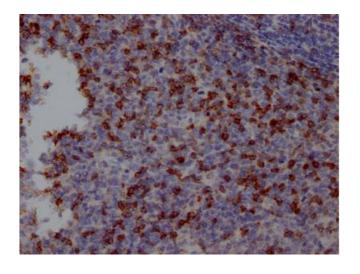
## **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200,
Restrictions:	For Research Use only

## Handling

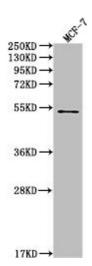
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## **Images**



### **Immunohistochemistry**

**Image 1.** IHC image of ABIN7127671 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP



and visualized using 0.05 % DAB.

### **Western Blotting**

**Image 2.** Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: PD1 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 32 KDa Observed band size: 32 kDa