# antibodies - online.com











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Quantity:	100 μg
Target:	PD-1 (PDCD1)
Binding Specificity:	AA 1-212
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PD-1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

### **Product Details**

Immunogen:	Recombinant Human Programmed cell death protein 10 protein (1-212AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	PD-1 (PDCD1)
Alternative Name:	PDCD1 (PDCD1 Products)
Background:	Background: Promotes cell proliferation. Modulates apoptotic pathways. Increases mitogenactivated protein kinase activity and STK26 activity. Important for cell migration, and for normal

structure and assembly of the Golgi complex. Important for KDR/VEGFR2 signaling. Increases the stability of KDR/VEGFR2 and prevents its breakdown. Required for normal cardiovascular development. Required for normal angiogenesis, vasculogenesis and hematopoiesis during embryonic development (By similarity).

Aliases: Apoptosis related protein 15 antibody, CCM3 antibody, Cerebral cavernous malformations 3 protein antibody, MGC1212 antibody, MGC24477 antibody, PDC10\_HUMAN antibody, PDCD 10 antibody, PDCD10 antibody, Programmed cell death 10 antibody, Programmed cell death protein 10 antibody, TF 1 cell apoptosis related protein 15 antibody, TF-1 cell apoptosis-related protein 15 antibody, TFAR15 antibody

UniProt: Q9BUL8

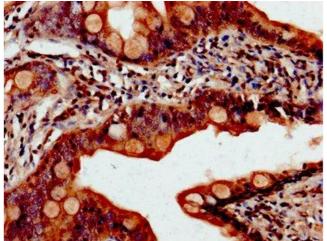
Pathways: Cancer Immune Checkpoints

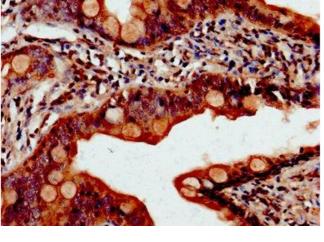
## **Application Details**

Application Notes:	Recommended dilution: IHC:1:500-1:1000, IF:1:200-1:500,	
Restrictions:	For Research Use only	

# Handling

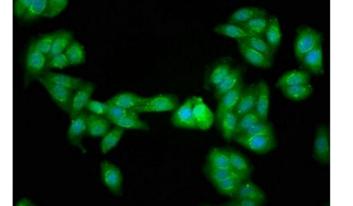
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





### **Immunohistochemistry**

Image 1. IHC image of ABIN7164687 diluted at 1:800 and staining in paraffin-embedded human small intestine 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 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### **Immunofluorescence**

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7164687 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488congugated AffiniPure Goat Anti-Rabbit IgG(H+L).