

## PD-1 (ABT-PD1) mouse mAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A23925	Mouse	1 mg/ml	

**Applications** IHC,IF(paraffin section)

**Reactivity** Human

**Dilution** IHC: 1:100-500

**Storage** -20°C/1 year

**Specificity**

**Source / Purification** The antibody was affinity-purified from mouse ascites by affinity chromatography using specific immunogen.

**Immunogen** Synthesized peptide derived from human PD-1

**Uniprot No** Q15116

**Alternative names** PDCD1, PD1

**Form** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Clonality** Monoclonal

**Isotype** IgG

**Conjugation**

**Background** programmed cell death 1(PDCD1) Homo sapiens This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases. [provided by RefSeq, Jul 2008],

**Other**

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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