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# Datasheet for ABIN5611150 anti-PD-1 antibody (AA 21-170)

4 Images



#### Overview

Quantity:	0.1 mg
Target:	PD-1 (PDCD1)
Binding Specificity:	AA 21-170
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

### Product Details

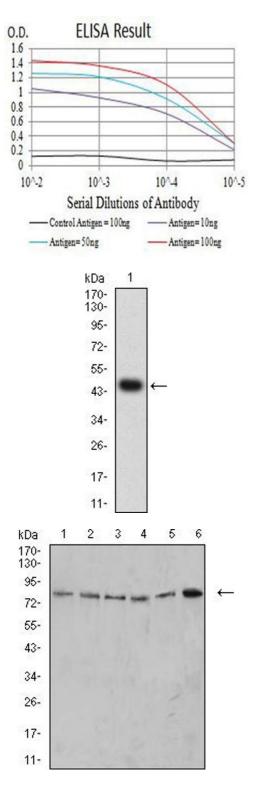
Immunogen:	Purified recombinant fragment of human PD1 (AA: extra 21-170) expressed in HEK293 cells.
Clone:	1D6F6
Isotype:	lgG1
Purification:	purified

#### Target Details

Target:	PD-1 (PDCD1)
Alternative Name:	PD1 (PDCD1 Products)
Background:	Description: 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

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	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.
	Aliases: PDCD1, PD-1, CD279, SLEB2, hPD-1, hPD-l, hSLE1
Molecular Weight:	31.6KD
Gene ID:	5133
HGNC:	5133
Pathways:	Cancer Immune Checkpoints
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



## ELISA

**Image 1.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

#### Western Blotting

**Image 2.** Western blot analysis using PD1 mAb against human PD1 (AA: extra 21-170) recombinant protein. (Expected MW is 46.6 kDa)

Western Blotting	
Image 3. Western blot analysis using PD1 mouse mAb	
against MOLT4 (1), K562 (2), Ramos (3), HL-60 (4), THP-1	
(5), and U937 (6) cell lysate.	

Please check the product details page for more images. Overall 4 images are available for ABIN5611150.

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