

Datasheet for ABIN2855989

**anti-PDCD4 antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	PDCD4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDCD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PDCD4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to PDCD4 (programmed cell death 4 (neoplastic transformation inhibitor)) PDCD4 antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	PDCD4
Alternative Name:	programmed cell death 4 ( <a href="#">PDCD4 Products</a> )

## Target Details

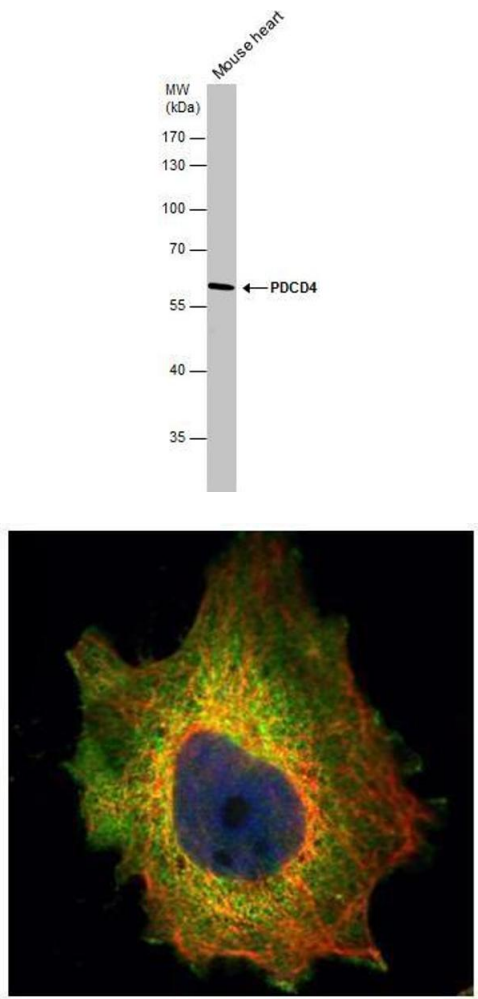
Background:	<p>This gene encodes a protein localized to the nucleus in proliferating cells. Expression of this gene is modulated by cytokines in natural killer and T cells. The gene product is thought to play a role in apoptosis but the specific role has not yet been determined. Two transcripts encoding different isoforms have been identified.</p> <p>Cellular Localization: Nucleus , Cytoplasm</p>
Molecular Weight:	52 kDa
Gene ID:	27250
UniProt:	<a href="#">Q53EL6</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	<p>Positive Control: mouse heart</p> <p>Validation: Orthogonal</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

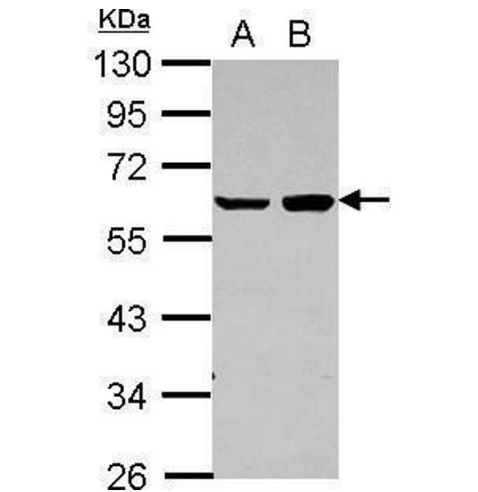


Western Blotting

**Image 1.** WB Image PDCD4 antibody detects PDCD4 protein by western blot analysis. Mouse tissue extracts (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with PDCD4 antibody , diluted at 1:1000.

Immunofluorescence

**Image 2.** ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using PDCD4, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.



Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: A431 B: HeLa 10% SDS PAGE antibody diluted at 1:1000