

Datasheet for ABIN7269542

anti-PDCD4 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PDCD4
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PDCD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	PDCD4 Rabbit mAb
Immunogen:	A synthesized peptide derived from human PDCD4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PDCD4
Alternative Name:	PDCD4 (PDCD4 Products)
Background:	This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation

Target Details

initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010],H731,Apoptosis,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle_Cell cycle inhibitors,Epigenetics & Nuclear Signaling,Invasion and Metastasis,PI3K-Akt Signaling Pathway,Signal Transduction,Translation Control,Translational Control_Regulation of eIF4 and p70 S6 Kinase,PDCD4

Molecular Weight: 52kDa

Gene ID: 27250

UniProt: [Q53EL6](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

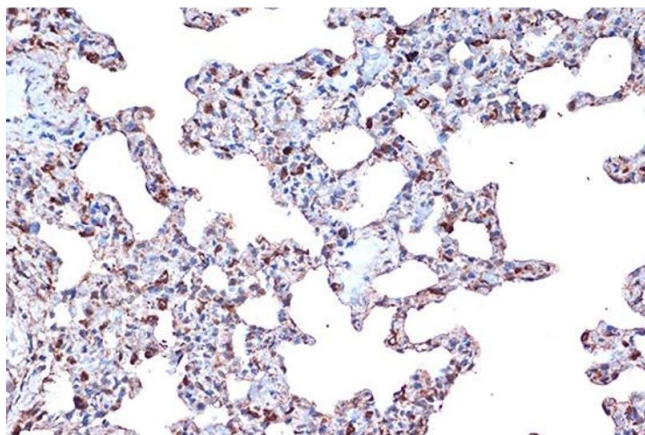
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

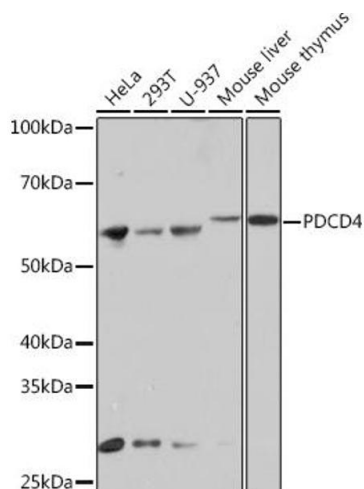
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



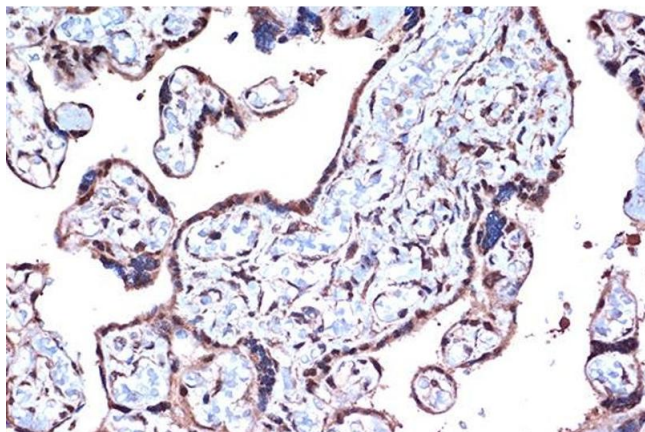
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat lung using PDCD4 Rabbit mAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PDCD4 Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 min.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human placenta using PDCD4 Rabbit mAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.