

For Research Use Only

# PDCD4 Monoclonal antibody, PBS Only



Catalog Number: 66100-1-PBS

Featured Product

## Basic Information

Catalog Number:

66100-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19239

GenBank Accession Number:

BC026104

GeneID (NCBI):

27250

UNIPROT ID:

Q53EL6

Full Name:

programmed cell death 4 (neoplastic transformation inhibitor)

Calculated MW:

469 aa, 52 kDa

Observed MW:

56 kDa

Purification Method:

Protein G purification

CloneNo.:

1F1A11

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

## Background Information

Programmed cell death 4 (Pdc4) is a novel tumor suppressor that inhibits translation, progression and invasion. It was first identified as being differentially upregulated during apoptosis. Pdc4 interferes with the activity of the eukaryotic initiation factor (eIF) 4A by displacing the scaffold protein eIF4G from its binding to the RNA helicase eIF4A.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

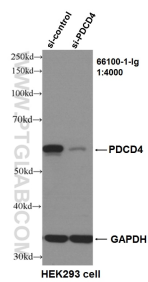
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

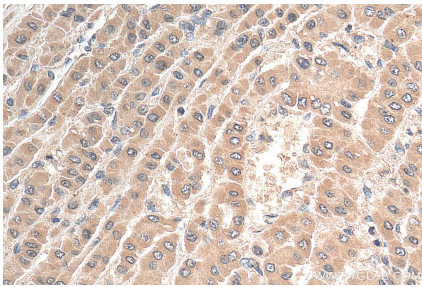
W: [ptglab.com](http://ptglab.com)

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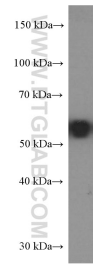
Selected Validation Data



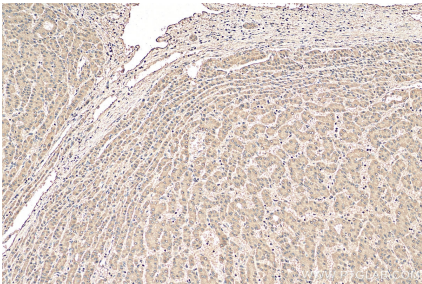
WB result of PDCD4 antibody (66100-1-Ig, 1:4000) with si-control and si-PDCD4 transfected HEK293 cells. This data was developed using the same antibody clone with 66100-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66100-1-Ig (PDCD4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66100-1-PBS in a different storage buffer formulation.



HeLa cells were subjected to SDS PAGE followed by western blot with 66100-1-Ig (PDCD4 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66100-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66100-1-Ig (PDCD4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66100-1-PBS in a different storage buffer formulation.