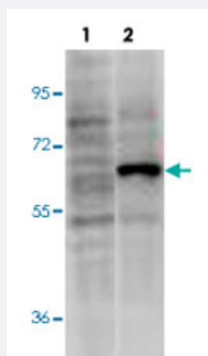


# PDCD4 (phospho S457) monoclonal antibody, clone 9G6

Catalog # MAB10262

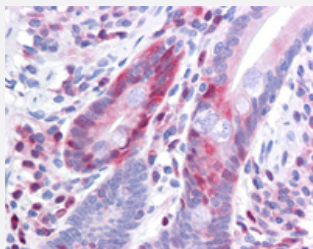
Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of unstimulated (Lane 1) and PDGF stimulated (Lane 2) NIH/3T3 cell with PDCD4 (phospho S457) monoclonal antibody, clone 9G6 (Cat # MAB10262) at 1:2000 dilution.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human small intestine with PDCD4 (phospho S457) monoclonal antibody, clone 9G6 (Cat # MAB10262).

## Specification

### Product Description

Mouse monoclonal antibody raised against synthetic phosphopeptide of PDCD4.

### Immunogen

Synthetic phosphopeptide corresponding to residues surrounding S457 of human PDCD4.

### Host

Mouse

### Theoretical MW (kDa)

62

### Reactivity

Human, Mouse, Rat

<b>Specificity</b>	This antibody is specific for human Pdcd4 protein phosphorylated at Ser457. A BLAST analysis was used to suggest cross-reactivity with Pdcd4 from human, mouse, rat and Xenopus based on 100% homology with the immunizing sequence. Cross-reactivity with Pdcd4 from other sources has not been determined.
<b>Form</b>	Liquid
<b>Purification</b>	Protein A purification
<b>Recommend Usage</b>	ELISA (1:20000-1:100000) Western Blot (1:2000-1:10000) Immunohistochemistry (1:1000-1:5000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 20 mM KH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — PDCD4

<b>Entrez GeneID</b>	<a href="#">27250</a>
<b>Gene Name</b>	PDCD4
<b>Gene Alias</b>	H731, MGC33046, MGC33047
<b>Gene Description</b>	programmed cell death 4 (neoplastic transformation inhibitor)
<b>Omim ID</b>	<a href="#">608610</a>

**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000020483|nuclear antigen H731|programmed cell death 4

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)