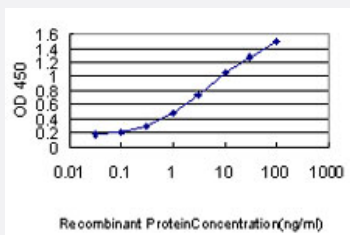


# PDCD6IP monoclonal antibody (M01), clone 3C4

Catalog # H00010015-M01

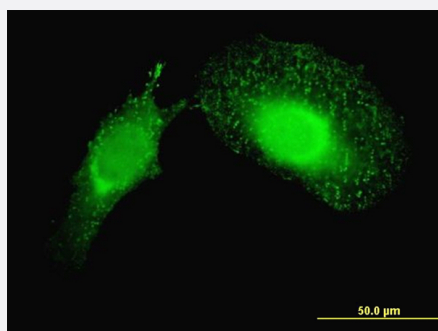
Size 100 ug

## Applications



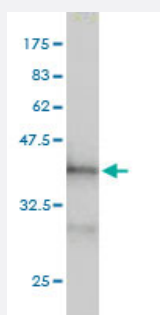
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDCD6IP is approximately 0.03ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to PDCD6IP on HeLa cell.  
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.73 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant PDCD6IP.

<b>Immunogen</b>	PDCD6IP (AAH20066, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MATFISVQLKKTSEVDLAKPLVKFIQQTYPSSGEEQAQYCRAAEELSKLRRAAVGRPLDKHEGAL ETLLRYDQICSIEPKFPFSENQICLTFTWKDAFDKGSLFGGSVK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (96); Rat (96)
<b>Isotype</b>	IgG2a kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDCD6IP is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PDCD6IP on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — PDCD6IP

**Entrez GeneID** [10015](#)

**GeneBank Accession#** [BC020066](#)

Protein Accession#	<a href="#">AAH20066</a>
Gene Name	PDCD6IP
Gene Alias	AIP1, Alix, DRIP4, HP95, MGC17003
Gene Description	programmed cell death 6 interacting protein
Omim ID	<a href="#">608074</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a protein thought to participate in programmed cell death. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	ALG-2 interacting protein 1 ALG-2 interacting protein X apoptosis-linked gene 2-interacting protein X dopamine receptor interacting protein 4 programmed cell death 6-interacting protein

## Publication Reference

- [Stability of human salivary extracellular vesicles containing dipeptidyl peptidase IV under simulated gastrointestinal tract conditions.](#)

Yuko Ogawa, Yoshihiro Akimoto, Mamoru Ikemoto, Yoshikuni Goto, Anna Ishikawa, Sakura Ohta, Yumi Takase, Hayato Kawakami, Masafumi Tsujimoto, Ryohei Yanoshita.

Biochemistry and Biophysics Reports 2021 Jun; 27:101034.

Application: IEM, Human, Human salivary extracellular vesicles fractions

## Pathway

- [Endocytosis](#)

## Disease

- [Tobacco Use Disorder](#)