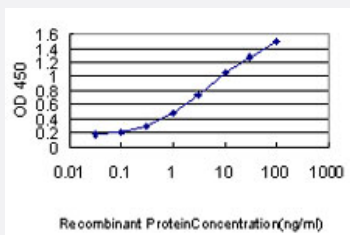


PDCD6IP monoclonal antibody (M01), clone 3C4

Catalog # H00010015-M01

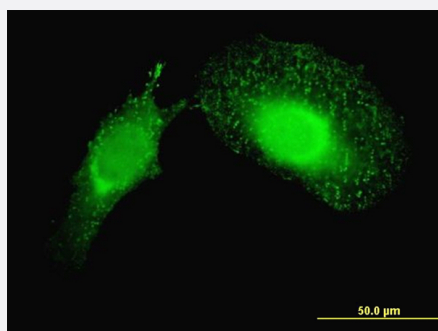
Size 100 ug

Applications



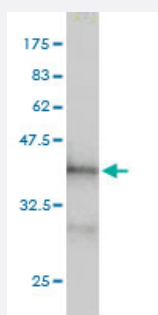
Sandwich ELISA (Recombinant protein)

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.

Immunogen	PDCD6IP (AAH20066, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MATFISVQLKKTSEVDLAKPLVKFIQQTYPSSGEEQAQYCRAAEELSKLRRAAVGRPLDKHEGAL ETLLRYDQICSIEPKFPFSENQICLTFTWKDAFDKGSLFGGSVK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	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#	AAH20066
Gene Name	PDCD6IP
Gene Alias	AIP1, Alix, DRIP4, HP95, MGC17003
Gene Description	programmed cell death 6 interacting protein
Omim ID	608074
Gene Ontology	Hyperlink
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](#)