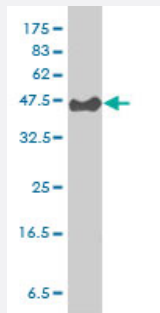


CYTH3 monoclonal antibody (M01A), clone S1

Catalog # H00009265-M01A

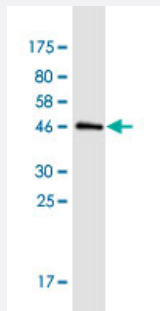
Size 200 uL

Applications



Western Blot (Cell lysate)

PSCD3 monoclonal antibody (M01A), clone 6D3-1A9 Western Blot analysis of PSCD3 expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (45.43 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant CYTH3.

Immunogen

CYTH3 (AAH08191.1, 1 a.a. ~ 179 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Sequence

MNRGINEGGDLPEELLRLNLYESIKNEPFKIPEDDGNDLTHTFNPDREGWLLKLGGRVKTKWRRW
FILTDNCLYFEYTTDKEPRGIIPLENLSIREVEDPRKPNCFELYNPSHKGQVIKACKTEADGRVVEG
NHVVYRISAPSPREEKEEWMKSIKASISRDPPFYDMLATRKRRRIANKK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.43 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PSCD3 monoclonal antibody (M01A), clone 6D3-1A9 Western Blot analysis of PSCD3 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CYTH3

Entrez GeneID	9265
GeneBank Accession#	BC008191.1
Protein Accession#	AAH08191.1
Gene Name	CYTH3
Gene Alias	ARNO3, GRP1, PSCD3
Gene Description	cytohesin 3
Omim ID	605081
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation of actor protein 6 (ARF) functions, in addition to acting on ARF1. [provided by RefSeq]

Other Designations

ARF nucleotide-binding site opener 3|general receptor of phosphoinositides 1|pleckstrin homology, Sec7 and coiled-coil domains 3|pleckstrin homology, Sec7 and coiled/coil domains 3