CYTH4 mouse monoclonal antibody (hybridoma)

Catalog # H00027128-M Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CYTH4.
Immunogen	CYTH4 (NP_037517.1, 1 a.a. ~ 394 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDLCHPEPAELSSGETEELQRIKWHRKQLLEDIQKLKDEIADVFAQIDCFESAEESRMAQKEKEL CIGRKKFNMDPAKGIQYFIEHKLLTPDVQDIARFLYKGEGLNKTAIGTYLGERDPINLQVLQAFVDCH EFANLNLVQALRQFLWSFRLPGEAQKIDRMMEAFATRYCLCNPGVFQSTDTCYVLSFSIIMLNTSL HNPNVRDRPPFERFVSMNRGINNGSDLPEDQLRNLFDSIKSEPFSIPEDDGNDLTHTFFNPDREG WLLKLGGRVKTWKRRWFILTDNCLYYFEFTTDKEPRGIIPLENLSVQKVDDPKKPFCLELYNPSCR GQKIKACKTDGDGRVVEGKHESYRISATSAEERDQWIESIRASITRVPFYDLVSTRKKKIASKQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (93)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee-for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — CYTH4

Entrez GeneID	27128
GeneBank Accession#	NM_013385.2
Protein Accession#	NP_037517.1
Gene Name	CYTH4
Gene Alias	CYT4, DJ63G5.1, PSCD4
Gene Description	cytohesin 4
Omim ID	606514
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the PSCD family. Members of this family 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. The encoded protein exhibits GEP activity in vitro with both ARF1 and ARF5 but is inactive with ARF6. The structures of this gene and CYTH1 are very similar. [provided by RefSeq
Other Designations	OTTHUMP00000028826|cytohesin-4|pleckstrin homology, Sec7 and coiled-coil domains 4|pleckstrin homology, Sec7 and coiled/coil domains 4

Disease

- Tobacco Use Disorder