

CYTH2 rabbit monoclonal antibody

Catalog # H00009266-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CYTH2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CYTH2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CYTH2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CYTH2

Entrez GeneID	9266
GeneBank Accession#	CYTH2
Gene Name	CYTH2
Gene Alias	ARNO, CTS18, CTS18.1, PSCD2, PSCD2L, SEC7L, Sec7p-L, Sec7p-like
Gene Description	cytohesin 2
Omim ID	602488
Gene Ontology	Hyperlink
Gene Summary	<p>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 ARF1, ARF3, and ARF6 and is 83% homologous to CYTH1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	ARF exchange factor ARF nucleotide-binding site opener pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2) pleckstrin homology, Sec7 and coiled-coil domains 2-like pleckstrin homology, Sec7 and coiled/coil domains 2 (cytohesin-2)