



CYH1 Monoclonal Antibody

Catalog No	YP-mAb-07011
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	CYTH1 D17S811E PSCD1
Protein Name	Cytohesin-1 (PH, SEC7 and coiled-coil domain-containing protein 1) (SEC7 homolog B2-1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CYH1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	43kD
Cell Pathway	Cell membrane ; Peripheral membrane protein . Cytoplasm, cytosol . Cell junction, tight junction . Cell junction, adherens junction . Colocalized with TJP1 during epithelial polarization. .
Tissue Specificity	Ubiquitous.
Function	function:Promotes guanine-nucleotide exchange on ARF1 and ARF5. Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain.,similarity:Contains 1 SEC7 domain.,subunit:Interacts with TRIM23 and CYTIP.,tissue specificity:Ubiquitous.,
Background	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 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 gene is highly expressed in natural killer and peripheral T cells, and regulates the adhesiveness of integrins at the plasma membrane of lymphocytes. A pseudogene of this gene has been defined



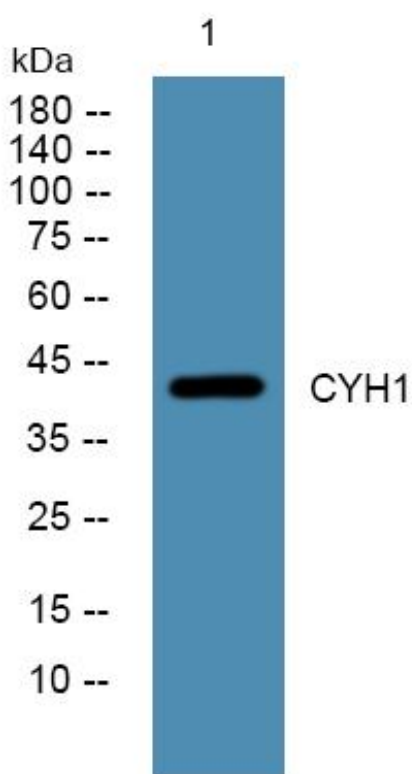
on the X chromosome. Alternative splicing results in multiple transcript variants.
[provided by RefSeq, May 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using CYH1 Monoclonal Antibody