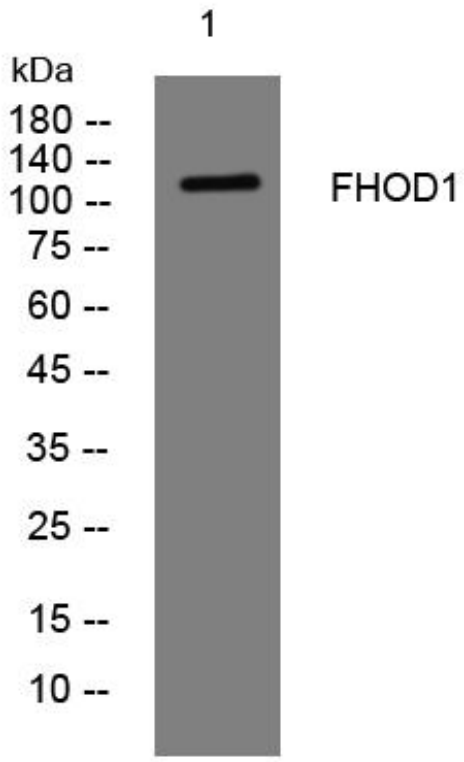
FHOD1 mouse mAb

Catalog No	YP-mAb-12143
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	FHOD1 FHOS FHOS1
Protein Name	FHOD1
Immunogen	Synthesized peptide derived from human FHOD1 AA range: 210-260
Specificity	This antibody detects endogenous levels of FHOD1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	
Cell Pathway	Cytoplasm. Cytoplasm, cytoskeleton. Cell projection, bleb. Predominantly cytoplasmic.
Tissue Specificity	Ubiquitous. Highly expressed in spleen.
Function	domain:Regulated by intramolecular binding to a C-terminal auto-inhibitory domain. Effector binding abolishes this interaction and activates the protein.,function:Required for the assembly of F-actin structures, such as stress fibers. Depends on the Rho-ROCK cascade for its activity. Contributes to the coordination of microtubules with actin fibers and plays a role in cell elongation.,similarity:Belongs to the formin homology family.,similarity:Contains 1 FH1 (formin homology 1) domain.,similarity:Contains 1 FH2 (formin homology 2) domain.,similarity:Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain.,subcellular location:Predominantly cytoplasmic.,subunit:Self-associates via the FH2 domain. Binds to F-actin via its N-terminus. Binds to the cytoplasmic domain of CD21 via its C-terminus.,tissue specificity:Ubiquitous. Highly expressed in spleen.,
Background	This gene encodes a protein which is a member of the formin/diaphanous family of proteins. The gene is ubiquitously expressed but is found in abundance in the spleen. The encoded protein has sequence homology to diaphanous and formin

	proteins within the Formin Homology (FH)1 and FH2 domains. It also contains a coiled-coil domain, a collagen-like domain, two nuclear localization signals, and several potential PKC and PKA phosphorylation sites. It is a predominantly cytoplasmic protein and is expressed in a variety of human cell lines. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015],
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 FHOD1 mouse mAb