



FGD5 mouse mAb

Catalog No	YP-mAb-18269
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FGD5 ZFYVE23
Immunogen	Synthesized peptide derived from human FGD5
Specificity	This antibody detects endogenous levels of FGD5 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	FGD5;ZFYVE23;FGD5 ZFYVE23;FYVE;RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23); RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23)
Observed Band	161kD
Calculated Molecular Weight	1462 aa, 16 kDa
Cell Pathway	Cytoplasm, cytoskeleton . Cell projection, ruffle membrane . Endoplasmic reticulum . Golgi apparatus . Early endosome . In peripheral membrane ruffles, colocalizes with F-actin. In confluent HUVECs, detected at cell-cell-contact sites where it colocalizes with vascular endothelial cadherin/CDH5.
Tissue Specificity	Expressed in endothelial cells (at protein level).
Function	Activates CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. Mediates VEGF-induced CDC42 activation. May regulate proangiogenic action of VEGF in vascular endothelial cells, including network formation, directional movement and proliferation. May play a role in regulating the actin cytoskeleton and cell shape.
Background	

**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