



FGD5 mouse mAb

Catalog No	BYmab-18269
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	FGD5 ZFYVE23
Protein Name	FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23)
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	161kD
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	

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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