



# FYCO1 Monoclonal Antibody

Catalog No	BYmab-05592
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	FYCO1 ZFYVE7
Protein Name	FYVE and coiled-coil domain-containing protein 1 (Zinc finger FYVE domain-containing protein 7)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	FYCO1 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	162kD
Cell Pathway	Cytoplasmic vesicle, autophagosome. Endosome. Lysosome. Localizes to the external but not to the internal membrane of autophagosomes, and upon autophagosome/late endosome/lysosome fusion, it stays on the external surface of autolysosomes.
Tissue Specificity	Expressed in heart and skeletal muscle.
Function	PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 FYVE-type zinc finger.,similarity:Contains 1 GOLD domain.,similarity:Contains 1 RUN domain.,tissue specificity:Expressed in heart and skeletal muscle.,
Background	FYVE and coiled-coil domain containing 1(FYCO1) Homo sapiens This gene encodes a protein that contains a RUN domain, FYVE-type zinc finger domain and Golgi dynamics (GOLD) domain. The encoded protein plays a role in microtubule plus end-directed transport of autophagic vesicles through interactions with the small GTPase Rab7, phosphatidylinositol-3-phosphate

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(PI3P) and the autophagosome marker LC3. Mutations in this gene are a cause of autosomal recessive congenital cataract-2 (CATC2). [provided by RefSeq, Dec 2011],

**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

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