



MIOS Mouse mAb

Catalog No	YP-mAb-19259
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MIOS
Immunogen	Synthesized peptide derived from human MIOS
Specificity	This antibody detects endogenous levels of MIOS 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	MIO;Sea4;Yulink;MIOS;WD repeat-containing protein mio
Observed Band	100-102kDa
Calculated Molecular Weight	99kDa
Cell Pathway	Lysosome membrane .
Tissue Specificity	
Function	As a component of the GATOR subcomplex GATOR2, functions within the amino acid-sensing branch of the TORC1 signaling pathway. Indirectly activates mTORC1 and the TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex . It is negatively regulated by the upstream amino acid sensors SESN2 and CASTOR1 .
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