



KLC2 Mouse mAb

Catalog No	YP-mAb-18471
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KLC2
Immunogen	Synthesized peptide derived from human KLC2
Specificity	This antibody detects endogenous levels of KLC2 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
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	KLC2;SPOAN;Kinesin light chain 2 (KLC 2)
Observed Band	69kDa
Calculated Molecular Weight	69kDa
Cell Pathway	Cytoplasm, cytoskeleton . Lysosome membrane ; Peripheral membrane protein ; Cytoplasmic side .
Tissue Specificity	
Function	Kinesin is a microtubule-associated force-producing protein that plays a role in organelle transport. The light chain functions in coupling of cargo to the heavy chain or in the modulation of its ATPase activity (Probable). Through binding with PLEKHM2 and ARL8B, recruits kinesin-1 to lysosomes and hence direct lysosomes movement toward microtubule plus ends .
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