



# KIF23 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06668
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	KIF23 KNSL5 MKLP1
<b>Protein Name</b>	Kinesin-like protein KIF23 (Kinesin-like protein 5) (Mitotic kinesin-like protein 1)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	KIF23 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	105kD
<b>Cell Pathway</b>	Nucleus, Cytoplasm, cytoskeleton, spindle. Midbody, Midbody ring . Localizes to the interzone of mitotic spindles. Detected at the midbody during later stages of mitotic cytokinesis.
<b>Tissue Specificity</b>	Epithelium,Lymph,Uterus,
<b>Function</b>	function:Plus-end-directed motor enzyme that moves antiparallel microtubules in vitro. Localizes to the interzone of mitotic spindles.,similarity:Belongs to the kinesin-like protein family.,similarity:Contains 1 kinesin-motor domain.,subunit:Interacts with PRC1.,
<b>Background</b>	kinesin family member 23(KIF23) Homo sapiens The protein encoded by this gene is a member of kinesin-like protein family. This family includes microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein has been shown to cross-bridge antiparallel microtubules and drive microtubule movement in vitro. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2013],
<b>matters needing attention</b>	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**