

KD-Validated Anti-Kinesin family member 23 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1384

Product Information

Application	WB, FC, ICC
Primary Accession	Q02241
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4035
Calculated MW	110059
Gene Name	KIF23
Aliases	KIF23; Kinesin Family Member 23; MKLP1; MKLP-1; KNSL5; Kinesin-Like 5 (Mitotic Kinesin-Like Protein 1); Kinesin-Like Protein KIF23; Congenital Dyserythropoietic Anemia, Type III; Mitotic Kinesin-Like Protein 1; Kinesin-Like Protein 5; CDAIII; CDAN3A; CDAN3; CDA3; CHO1
Immunogen	A synthesized peptide derived from human MKLP1

Additional Information

Gene ID	9493
Other Names	Kinesin-like protein KIF23, Kinesin-like protein 5, Mitotic kinesin-like protein 1, KIF23, KNSL5, MKLP1

Protein Information

Name	KIF23
Synonyms	KNSL5, MKLP1
Function	Component of the centralspindlin complex that serves as a microtubule-dependent and Rho-mediated signaling required for the myosin contractile ring formation during the cell cycle cytokinesis. Essential for cytokinesis in Rho-mediated signaling. Required for the localization of ECT2 to the central spindle. Plus-end-directed motor enzyme that moves antiparallel microtubules in vitro.
Cellular Location	Nucleus. Cytoplasm, cytoskeleton, spindle. Midbody, Midbody ring. Midbody. Note=Localizes to the interzone of mitotic spindles. Detected at the midbody during later stages of mitotic cytokinesis
Tissue Location	Widely expressed..

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