



CEP63 Monoclonal Antibody

Catalog No	BYmab-05449
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CEP63
Protein Name	Centrosomal protein of 63 kDa (Cep63)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CEP63 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	77kD
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite . Colocalizes with CDK5RAP2, CEP152 and WDR62 in a discrete ring around the proximal end of the parental centriole. At this site, a cohesive structure is predicted to engage parental centrioles and procentrioles. .
Tissue Specificity	Pancreas,Placenta,Teratocarcinoma,
Function	cell cycle checkpoint, DNA damage checkpoint, M phase of mitotic cell cycle, microtubule cytoskeleton organization,mitotic cell cycle, M phase, nuclear division, response to DNA damage stimulus, cytoskeleton organization, microtubule-based process, cell cycle, spindle organization, mitosis, intracellular signaling cascade, cell cycle process, cell cycle phase, DNA integrity checkpoint, cellular response to stress, DNA damage response, signal transduction, organelle fission, spindle assembly, cell division, regulation of cell cycle,

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Background	This gene encodes a protein with six coiled-coil domains. The protein is localized to the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. Several alternatively spliced transcript variants have been found, but their biological validity has not been determined. [provided by RefSeq, Jul 2008],
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.

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