Rac1/cdc42 (phospho-Ser71) mouse mAb

Catalog No	YP-mAb-10396
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	
Protein Name	Rac1/cdc42 (Ser71)
Immunogen	Synthesized phosho peptide around human Rac1 (Ser71)
Specificity	This antibody detects endogenous levels of Human Rac1/cdc42 (phospho-Ser71)
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cell division control protein 42 homolog (G25K GTP-binding protein)
Observed Band	112694DA
Cell Pathway	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle . Midbody . Cell projection, dendrite . Localizes to spindle during prometaphase cells. Moves to the central spindle as cells progressed through anaphase to telophase (PubMed:15642749). Localizes at the end of cytokinesis in the intercellular bridge formed between two daughter cells (PubMed:15642749). Its localization is regulated by the activities of guanine nucleotide exchange factor ECT2 and GTPase activating protein RACGAP1 (PubMed:15642749). Colocalizes with NEK6 in the centrosome (PubMed:20873783). In its active GTP-bound form localizes to the leading edge membrane of migrating dendritic cells (By similarity). .
Tissue Specificity	Brain,Cajal-Retzius cell,Cervix,Embryo,Fetal brain,Fetal brain cortex,Placenta,Uter
Function	
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.

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