



GDS1 Monoclonal Antibody

Catalog No	YP-mAb-06021
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	RAP1GDS1
Protein Name	Rap1 GTPase-GDP dissociation stimulator 1 (Exchange factor smgGDS) (SMG GDS protein) (SMG P21 stimulatory GDP/GTP exchange protein)
Immunogen	Synthesized peptide derived from human protein . at AA range: 230-310
Specificity	GDS1 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	66kD
Cell Pathway	Cytoplasm, cytosol . Endoplasmic reticulum . Mitochondrion . Nucleus . Nuclear import is dependent on complexing with a GTPase containing a C-terminal polybasic region. .
Tissue Specificity	Brain,Muscle,PCR rescued clones,Peripheral blood,
Function	function:Stimulates GDP/GTP exchange reaction of a group of small GTP-binding proteins (G proteins) including Rap1a/Rap1b, RhoA, RhoB and KRas, by stimulating the dissociation of GDP from and the subsequent binding of GTP to each small G protein.,similarity:Contains 5 ARM repeats.,
Background	The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity (Riess et al., 1993 [PubMed 8262526]).[supplied by OMIM, Feb 2010],
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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