Rad GTPase Monoclonal Antibody

Catalog No	YP-mAb-16217
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RRAD
Immunogen	The antiserum was produced against synthesized peptide derived from human RAD. AA range:41-90
Specificity	Rad GTPase Monoclonal Antibody detects endogenous levels of Rad GTPase protein.
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	E311C7Rik;GD:REM;GES;GTP binding protein REM;GTP binding protein REM 1;GTP binding protein REM1;GTP-binding protein REM 1;GTPase GES;GTPase regulating endothelial cell sprouting;GTPase-regulating endothelial cell sprouting; MGC114556;MGC48669;OTTMUSP16855;Rad and Gem like GTP binding protein 1;Rad and Gem-like GTP-binding protein 1;RAS (RAD and GEM) like GTP binding;RAS like GTP binding;RAS like GTP binding protein REM;REM 1; Rem1;REM1_HUMAN;RP23-35I8.9;Rad GTPase;RRAD;GTP-binding protein RAD;RAD;RAD1;Ras associated with diabetes
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Cell membrane .
Tissue Specificity	Most abundantly expressed in the heart. Also found in the skeletal muscle and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.
Function	similarity:Belongs to the small GTPase superfamily. RGK family., subunit:Interacts with calmodulin preferentially to the inactive, GDP-form. Binds CAMKII which is caMABle of phosphorylating RAD in vitro.,tissue

	specificity:Skeletal and cardiac muscle, and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.,
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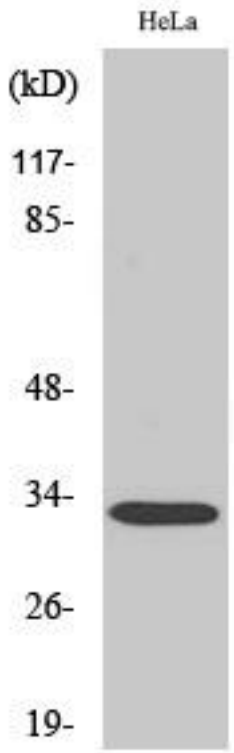
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Rad GTPase Monoclonal Antibody