



# RHG04 Monoclonal Antibody

<b>Catalog No</b>	BYmab-06089
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	ARHGAP4 KIAA0131 RGC1 RHOGAP4
<b>Protein Name</b>	Rho GTPase-activating protein 4 (Rho-GAP hematopoietic protein C1) (Rho-type GTPase-activating protein 4) (p115)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 180-260
<b>Specificity</b>	RHG04 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	104kD
<b>Cell Pathway</b>	Cytoplasm. Just below the plasma membrane.
<b>Tissue Specificity</b>	Predominantly in hematopoietic cells (spleen, thymus and leukocytes); low levels in placenta, lung and various fetal tissues.
<b>Function</b>	function:Inhibitory effect on stress fiber organization. May down-regulate Rho-like GTPase in hematopoietic cells.,similarity:Contains 1 FCH domain.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3 domain.,subcellular location:Just below the plasma membrane.,tissue specificity:Predominantly in hematopoietic cells (spleen, thymus and leukocytes); low levels in placenta, lung and various fetal tissues.,
<b>Background</b>	This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a

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neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],

**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