



# RHG44 Monoclonal Antibody

<b>Catalog No</b>	BYmab-06092
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	ARHGAP44 KIAA0672 RICH2
<b>Protein Name</b>	Rho GTPase-activating protein 44 (NPC-A-10) (Rho-type GTPase-activating protein RICH2) (RhoGAP interacting with CIP4 homologs protein 2) (RICH-2)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 430-510
<b>Specificity</b>	RHG44 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>	89kD
<b>Cell Pathway</b>	Cell projection, dendritic spine . Recycling endosome . Cell junction, synapse, presynapse . Cell projection, dendrite . In CA1 hippocampal synapses, detected at both presynaptic and postsynaptic sites (By similarity). Located in convoluted dendritic plasma membrane sections enriched in polymerized actin and myosin (patches) along dendrites where often emerge filopodia (By similarity). .
<b>Tissue Specificity</b>	Highly expressed in brain. Expressed at weak level in other tissues.
<b>Function</b>	function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Acts as a GTPase activator in vitro for CDC42 and RAC1.,sequence caution:Translation N-terminally extended.,similarity:Contains 1 BAR domain.,similarity:Contains 1 Rho-GAP domain.,tissue specificity:Highly expressed in brain. Expressed at weak level in other tissues.,
<b>Background</b>	function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Acts as a GTPase activator in vitro for CDC42 and RAC1.,sequence caution:Translation N-terminally extended.,similarity:Contains 1

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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

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