



# ARHGF Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06093
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	ARHGEF15 KIAA0915
<b>Protein Name</b>	Rho guanine nucleotide exchange factor 15 (Ephexin-5) (E5) (Vsm-RhoGEF)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 560-640
<b>Specificity</b>	ARHGF 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 1:500-1:2000
<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>	92kD
<b>Cell Pathway</b>	Cell projection, dendrite . Expressed exclusively in dendrites of the developing hippocampus. .
<b>Tissue Specificity</b>	Expressed in the vascular smooth muscle of coronary artery.
<b>Function</b>	function:Specific GEF for RhoA activation and the regulation of vascular smooth muscle contractility.,PTM:Phosphorylated on tyrosine residues upon EFNA1 stimulation.,similarity:Contains 1 DH (DBL-homology) domain.,subunit:Interacts with EPHA4.,tissue specificity:Expressed in the vascular smooth muscle of coronary artery.,
<b>Background</b>	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein-coupled receptors. This gene encodes a protein that functions as a specific guanine nucleotide exchange factor for RhoA. It also interacts with ephrin A4 in vascular smooth muscle cells. Two alternatively spliced transcripts variants that encode the same protein have been found for this gene. [provided by RefSeq, Aug 2010],
<b>matters needing attention</b>	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**