Datasheet

ARHGAP6 monoclonal antibody (M02), clone 1G5

Catalog Number: H00000395-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ARHGAP6.

Clone Name: 1G5

Immunogen: ARHGAP6 (NP_038286, 531 a.a. ~ 636 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
RHADDNISKDGQEVTGNKMTSLNLATIFGPNLLHKQKS
SDKEFSVQSSARAEESTAIIAVVQKMIENYEALFMVPP
DLQNEVLISLLETDPDVVDYLLRRKASQSS

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 395

Gene Symbol: ARHGAP6

Gene Alias: RHOGAP6, RHOGAPX-1

Gene Summary: This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

References:
1. Identification of extracellular signal-regulated kinase 1/2 and p38MAPK as regulators of human sperm motility and acrosome reaction and as predictors of poor spermatozoa quality. Almog T, Lazar S, Reiss N, Etkovitz N, Milch E, Rahamim N, Dobkin-Bekman M, Rotem R, Kalina M, Ramon J, Raziel A, Breitbart H, Seger R, Naor Z. J Biol Chem. 2008 May 23;283(21):14479-89. Epub 2008 Mar 27.