RhoA C Antibody PE Conjugated

Catalog No: #C01509P

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	RhoA C Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 90-140 193 derived from human RhoA
Conjugates	PE
Target Name	RhoA C
Other Names	ARHA; ARH12; RHO12; RHOH12; Transforming protein RhoA; Rho cDNA clone 12; h12; RHOA; Rho-related GTP-binding protein RhoC; Rho cDNA clone 9; ARH9, ARHC.
Accession No.	Swiss-Prot#P61586NCBI Gene ID387, 389
Uniprot	P61586
GeneID	387;
Excitation Emission	480,565nm 578nm
Cell Localization	Cytoplasm, Helical
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Involved in a microtubule-dependent signal that is required for the myosin contractile ring formation during cell cycle cytokinesis. Plays an essential role in cleavage furrow formation. Required for the apical junction formation of keratinocyte cell-cell adhesion. Serves as a target for the yopT cysteine peptidase from Yersinia pestis, vector of the plague, and Yersinia pseudotuberculosis, which causes gastrointestinal disorders. Stimulates PKN2 kinase activity. May be an activator of PLCE1. Activated by ARHGEF2, which promotes the exchange of GDP for GTP. Essential for the SPATA13-mediated regulation of cell migration and adhesion assembly and disassembly. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization.

Note: This product is for in vitro research use only