

Rabbit Rho A+B+C Monoclonal Antibody | anti-RHOA antibody

Rho A+B+C Antibody

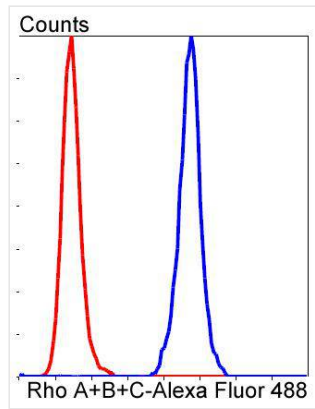
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29988	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Rho A+B+C; Monoclonal Antibody; Rho A+B+C Antibody; AA017882 antibody; AI324259; antibody; Aplysia ras related homolog 9 (RhoC) antibody; Aplysia ras-related homolog 12 antibody; Aplysia RAS-related homolog 6 antibody; Aplysia RAS-related homolog antibody; ARH12 antibody; ARH6 antibody; ARH9 antibody; ARHA antibody; ARHB antibody; ARHC antibody; H12 antibody; H6 antibody; H9 antibody; MGC117867 antibody; MGC1448 antibody; MGC61427 antibody; MST081 antibody; MSTP081 antibody; Oncogene RHO H12 antibody; Oncogene RHO H6 antibody; Oncogene RHO H9 antibody; OTTHUMP00000013675 antibody; OTTHUMP00000013676 antibody; OTTHUMP00000013802 antibody; OTTHUMP00000013805 antibody; OTTHUMP00000013807 antibody; OTTHUMP00000013809 antibody; OTTMUSP00000025086 antibody; OTTMUSP00000025087 antibody; Ras homolog 9 (RhoC) antibody; Ras homolog gene family; member A antibody; member B antibody; member C antibody; RAS-related homolog 9 antibody; Rh -related GTP binding protein RhoC antibody; Rho cDNA clone 12 antibody; rho cDNA clone 6 antibody; rho cDNA clone 9 antibody; Rho related GTP binding protein RhoB antibody; Rho related GTP binding protein RhoC antibody; RHO12 antibody; RHOA antibody; RHOB antibody; RHOC antibody; rhoC GTPase antibody; RHOH12 antibody; RHOH6 antibody; RHOH9 antibody; RP11-426L16.4 antibody; small GTP binding protein RhoA antibody; Small GTP binding protein RhoC antibody; Transforming protein RhoA antibody; anti-RHOA antibody

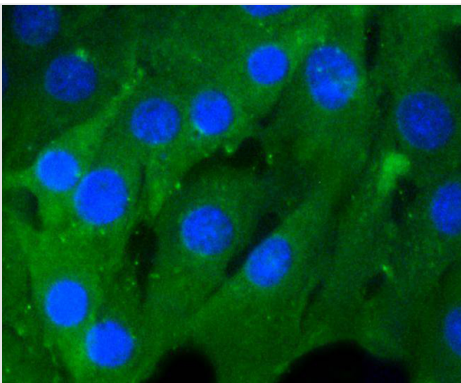
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SR38-00
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RHOA antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:200-1:500 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



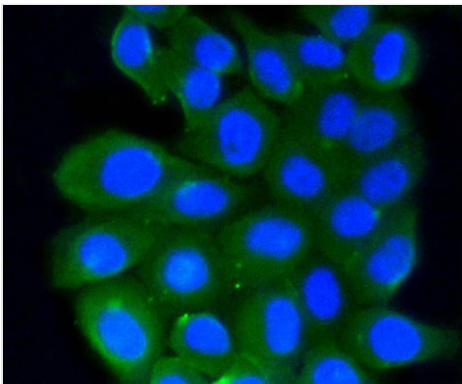
FCM (Flow Cytometry)

Flow cytometric analysis of HepG2 cells with Rho A+B+C antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



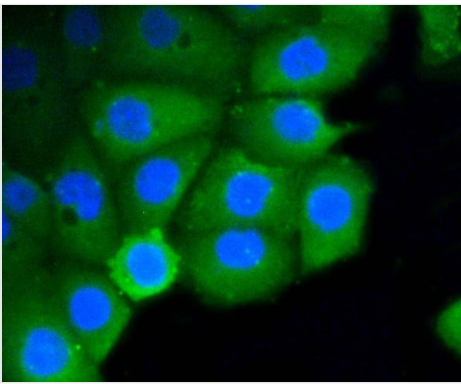
ICC (Immunocytochemistry)

ICC staining Rho A+B+C in NIH/3T3 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



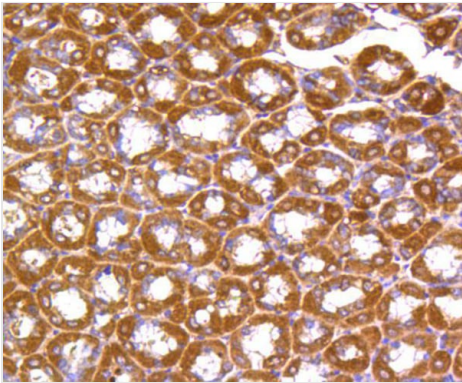
ICC (Immunocytochemistry)

ICC staining Rho A+B+C in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



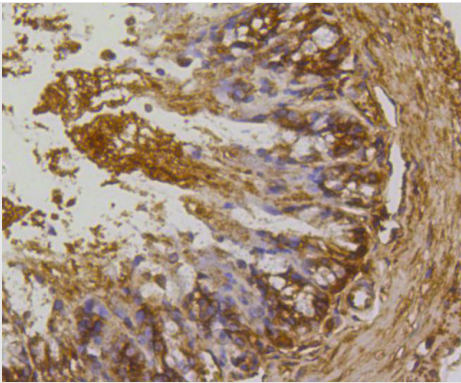
ICC (Immunocytochemistry)

ICC staining Rho A+B+C in Ags cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse stomach tissue using anti-Rho A+B+C antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Rho A+B+C antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOA antibody	The Ras p21 family of guanine nucleotide proteins has been widely studied in view of its apparent role in signal transduction pathways and high frequency of mutations in human malignancies. It is now clear, however, that the Ras proteins (H-, K- and N-Ras p21) are members of a much larger superfamily of related proteins. Six members of this family, Rap 1A, Rap 1B, Rap 2, R-Ras, Ral A and Ral B, exhibit approximately 50% amino acid homology to Ras. The six mammalian Rho proteins (Rho A, B, C, G, 7 and 8) are approximately 30% homologous to Ras and are expressed in a wide range of cell types. Both Ras p21 and Rho p21, as well as other members of the Ras superfamily, contain a carboxy-terminal CAAX sequence (C, cysteine; A, aliphatic amino acid; X, any amino acid) which in the case of Ras has been shown to be essential for correct localization and function.
Product Categories/Family for anti-RHOA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	111494248
NCBI GeneID	389
NCBI Accession #	NP_001036143.1
NCBI GenBank Nucleotide #	NM_001042678.1
UniProt Accession #	P08134; Q6ICN3; B3KSW1
Molecular Weight	193
NCBI Official Full Name	rho-related GTP-binding protein RhoC
NCBI Official Synonym Full Names	ras homolog family member C
NCBI Official Symbol	RHOC
NCBI Official Synonym Symbols	H9; ARH9; ARHC; RHOH9
NCBI Protein Information	rho-related GTP-binding protein RhoC; rhoC GTPase; oncogene RHO H9; rho cDNA clone 9; RAS-related homolog 9; small GTP binding protein RhoC; ras homolog gene family, member C
UniProt Protein Name	Rho-related GTP-binding protein RhoC
UniProt Gene Name	RHOC
UniProt Synonym Gene Names	ARH9; ARHC; h9
UniProt Entry Name	RHOC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rho-abc-antibody-clone-sr38-00-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-flow-cytometry-elisa/29988>