Mouse Rac1 Monoclonal Antibody | anti-Rac1 antibody

Rac1 Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA248059	**Mouse**	**Human, Mouse, Rat**	**Immunofluorescence, Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Rac1; Monoclonal Antibody; Rac1 Mouse Monoclonal; MIG5; p21 Rac1; RAC1; RAC1b; Ras like protein TC25; TC 25; TC25; anti-Rac1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5D9
Specificity	Other species are not tested. Please decide the specificity by homology.
Purity/Purification	Purity: >=95% as determined by SDS-PAGE Purification: Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Sequence Length	192
Applicable Applications for anti-Rac1 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	ras-related C3 botulinum toxin substrate 1(rho family, small GTP binding protein Rac1)
Preparation and Storage	-20 degree C for 24 months (Avoid repeated freeze / thaw cycles.)

IMAGES

WB (Western Blot)
HSCT6 cells were subjected to SDS PAGE followed by western blot with AAA248059 (Rac1 antibody) at dilution of 1:2000

IF (Immunofluorescence)
Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using AAA248059 (Rac1 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using AAA248059 (RAC1 Antibody) at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-Rac1 antibody	RAC1b, also named as TC25, belongs to the small GTPase superfamily and Rho family. RAC1 is a plasma membrane-associated small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, it binds to a variety of effector proteins to regulate cellular responses such as secretory processes, phagocytosis of apoptotic cells, epithelial cell polarization and growth-factor induced formation of membrane ruffles.

NCBI AND UNIPROT INFORMATION

NCBI GI #	624236
UniProt Accession #	P63000; Q9W0H7
Molecular Weight	21KD
NCBI Official Full Name	Rac1
UniProt Protein Name	Ras-related protein Rac1
UniProt Gene Name	**Rac1**
UniProt Synonym Gene Names	RacA
UniProt Entry Name	RAC1_DROME

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/rac1-antibody-clone-5d9-immunofluorescence-immunoprecipitation-immunohistochemistry-western-blot-elisa/248059