

Mouse anti-Human RHOB Monoclonal Antibody | anti-RHOB antibody

Mouse monoclonal antibody Anti-Human RHOB

CATALOG # AAA36419	HOST Mouse	REACTIVITY Human	APPLICATIONS Dot Blot
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PRODUCT SYNONYMS

RHOB; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human RHOB; Homo sapiens ras homolog gene family; member B (RHOB); ARH6; ARHB; RHOH6; MST081; MSTP081; anti-RHOB antibody

PRODUCT SPECIFICATIONS

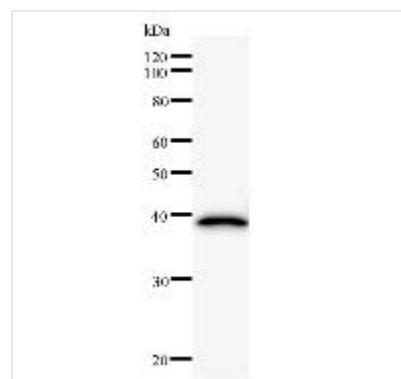
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2916C2a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2387
Applicable Applications for anti-RHOB antibody	DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-RHOB monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOB antibody	Mediates apoptosis in neoplastically transformed cells after DNA damage. Not essential for development but affects cell adhesion and growth factor signaling in transformed cells. Plays a negative role in tumorigenesis as deletion causes tumor formation. Involved in intracellular protein trafficking of a number of proteins. Targets PKN1 to endosomes and is involved in trafficking of the EGF receptor from late endosomes to lysosomes. Also required for stability and nuclear trafficking of AKT1/AKT which promotes endothelial cell survival during vascular development. [UniProtKB Function]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	748585188
NCBI GeneID	388
NCBI Accession #	NP_004031.1
NCBI GenBank Nucleotide #	NM_004040
Molecular Weight	22,123 Da
NCBI Official Full Name	Homo sapiens ras homolog family member B (RHOB), mRNA
NCBI Official Synonym Full Names	ras homolog family member B
NCBI Official Symbol	RHOB
NCBI Official Synonym Symbols	ARH6; ARHB; RHOH6; MST081; MSTP081
NCBI Protein Information	rho-related GTP-binding protein RhoB; Aplysia RAS-related homolog 6; h6; oncogene RHO H6; ras homolog gene family, member B; rho cDNA clone 6
UniProt Gene Name	RHOB
UniProt Entry Name	RHOB_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://www.aaabiotech.com/monoclonal/rhob-antibody-clone-2916c2a-dot-blot-elisa/36419>