

Rabbit anti-Human RhoB Monoclonal Antibody | anti-RHOB antibody

RhoB Rabbit mAb

CATALOG # AAA282946	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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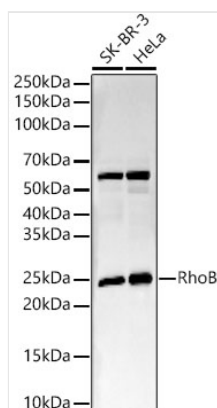
PRODUCT SYNONYMS

RhoB; Monoclonal Antibody; RhoB Rabbit mAb; ARH6; ARHB; RHOH6; MST081; MSTP081; anti-RHOB antibody

PRODUCT SPECIFICATIONS

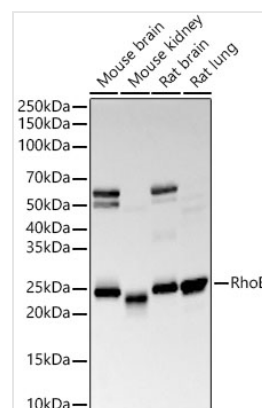
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RPLSYPTDV ILMCFSVDSP DSLENIPEKW VPEVKHFCPN VPIILVANKK DLRSDHEVRT ELARMKQEPV RTDDGRAMAV R
Applicable Applications for anti-RHOB antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 70-150 of human RhoB (NP_004031.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using RhoB Rabbit mAb (AAA282946) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates, using RhoB Rabbit mAb (AAA282946) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOB antibody	Predicted to enable GTP binding activity; GTPase activity; and protein kinase binding activity. Involved in several processes, including cellular response to hydrogen peroxide; cellular response to ionizing radiation; and regulation of cell migration. Located in cleavage furrow and endosome membrane. Biomarker of breast cancer.
Product Categories/Family for anti-RHOB antibody	Signal Transduction; G protein signaling; Small G proteins; MAPK-JNK Signaling Pathway; Cell Biology Developmental Biology; Apoptosis; Cytoskeleton; Microfilaments; Microtubules; Actins; Cardiovascular; Angiogenesis; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757764
NCBI GeneID	388
NCBI Accession #	NP_004031.1
NCBI GenBank Nucleotide #	NM_004040.2
UniProt Accession #	P62745; P01121; Q5U0H6; Q7RTN5; Q7RTR9; Q9CUV7; B2R692
Molecular Weight	Calculated MW: 22kDa Observed MW: 22kDa
UniProt Protein Name	Rho-related GTP-binding protein RhoB
UniProt Gene Name	RHOB
UniProt Synonym Gene Names	ARH6; ARHB; h6
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.