

Mouse RHOD Monoclonal Antibody | anti-RHOD antibody

RHOD antibody

CATALOG # AAA107380	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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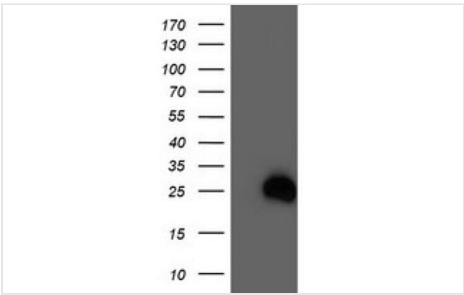
PRODUCT SYNONYMS

RHOD; Monoclonal Antibody; RHOD antibody; Monoclonal RHOD; Anti-RHOD; Ras Homolog Gene Family Member D; ARHD; RHOHP1; RHOM; Rho; anti-RHOD antibody

PRODUCT SPECIFICATIONS

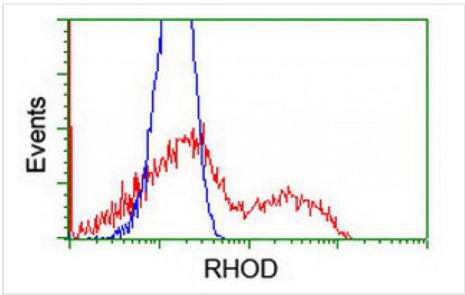
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2F7
Purity/Purification	RHOD antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	210
Applicable Applications for anti-RHOD antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	Ras homolog, or Rho, proteins interact with protein kinases and may serve as targets for activated GTPase. They play a critical role in muscle differentiation. RHOD binds GTP and is a member of the small GTPase superfamily. It is involved in endosome dynamics and reorganization of the actin cytoskeleton, and it may coordinate membrane transport with the function of the cytoskeleton. Ras homolog, or Rho, proteins interact with protein kinases and may serve as targets for activated GTPase. They play a critical role in muscle differentiation.
Cross-Reactivity	Human
Immunogen	RHOD antibody was raised in mouse using a full length recombinant protein of human RHOD (NP_055393) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RHOD protein (Right) or empty vector (Left) detected with RHOD antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant RHOD protein (red) or empty vector (blue) stained using RHOD antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RHOD antibody	Mouse monoclonal RHOD antibody
Product Categories/Family for anti-RHOD antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656900
NCBI GeneID	29984
NCBI Accession #	NP_055393
NCBI GenBank Nucleotide #	NM_014578.3
UniProt Accession #	O00212
Molecular Weight	23,413 Da
NCBI Official Full Name	rho-related GTP-binding protein RhoD isoform 1
NCBI Official Synonym Full Names	ras homolog family member D
NCBI Official Symbol	RHOD
NCBI Official Synonym Symbols	Rho; ARHD; RHOM; RHOHP1
NCBI Protein Information	rho-related GTP-binding protein RhoD
UniProt Protein Name	Rho-related GTP-binding protein RhoD
UniProt Gene Name	RHOD
UniProt Synonym Gene Names	ARHD; RhoHP1
UniProt Entry Name	RHOD_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.