

Mouse RASD2 Monoclonal Antibody | anti-RASD2 antibody

RASD2 antibody

CATALOG # AAA107384	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

RASD2; Monoclonal Antibody; RASD2 antibody; Monoclonal RASD2; Anti-RASD2; RASD family member 2; TEM2; Rhes; Tumor endothelial marker 2; Ras homolog enriched in striatum; GTP-binding protein Rhes; RASD 2; RASD-2; anti-RASD2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G8
Purity/Purification	RASD2 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	266
Applicable Applications for anti-RASD2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	RASD2 is a Ras-related protein that is enriched in striatum. The product of this gene binds to GTP and possesses intrinsic GTPase activity. The gene belongs to the Ras superfamily of small GTPases. The exact function of this gene is unknown, but most striatum-specific mRNAs characterized to date encode components of signal transduction cascades.
Cross-Reactivity	Human
Immunogen	RASD2 antibody was raised in mouse using a full length recombinant protein of human RASD2 (NP_055125) 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 RASD2 protein (Right) or empty vector (Left) detected with RASD2 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant RASD2 protein (red) or empty vector (blue) stained using RASD2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RASD2 antibody	Mouse monoclonal RASD2 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22027486
NCBI GeneID	23551
NCBI Accession #	NP_055125
NCBI GenBank Nucleotide #	NM_014310.3
UniProt Accession #	Q96D21; O95520; Q5THY8
Molecular Weight	30,366 Da
NCBI Official Full Name	GTP-binding protein Rhes
NCBI Official Synonym Full Names	RASD family, member 2
NCBI Official Symbol	RASD2
NCBI Official Synonym Symbols	Rhes; TEM2; MGC:4834
NCBI Protein Information	GTP-binding protein Rhes
UniProt Protein Name	GTP-binding protein Rhes
UniProt Gene Name	RASD2
UniProt Synonym Gene Names	TEM2
UniProt Entry Name	RHES_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/rasd2-antibody-clone-1g8-western-blot-flow-cytometry-elisa/107384>