RHOH Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	RHOH, Monoclonal Antibody
Full Product Name	RHOH (Ras Homolog Gene Family, Member H, ARHH, TTF) (APC)
Product Gene Name	anti-RHOH antibody
Product Synonym Names	Ras Homolog Gene Family; Member H; ARHH; TTF
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4H5
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified
Specificity	Recognizes RHOH.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	RHOH (AAH14261.1, 1aa-191aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MLSSIKCVLVGDSAVGKTSLLVRFTSETFPEAYKPTVYENTGVDVFMDGIQISLGLWDTAGNDAFRSIRPLSYQQADVVLMCYSVANHNSFLNLKNKWIGE
Conjugate	APC
Product Categories/Family for anti-RHOH antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-RHOH antibody	ELISA (EIA)
Application Notes for anti-RHOH antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-RHOH antibody	The protein encoded by this gene is a member of the Ras superfamily of small GTPases. Expression of a chimeric transcript of LAZ3 and this gene has most other small G proteins which are expressed ubiquitously, this gene is transcribed only in hemopoietic cells. [provided by RefSeq]
Other Notes	Small volumes of anti-RHOH antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess with dry ice and additional dry ice fee may apply.

Searchable Terms for RHOH purchase	MBS6168313 is an antibody targeting RHOH. Also known as RHOH (Ras Homolog Gene Family, Member H, ARHH, TTF) (APC). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RHOH. It may not necessarily be applicable to this product.

NCBI GI #	17315202
NCBI GeneID	399
NCBI Accession #	AAH14261.1
UniProt Related Accession #	Q15669
NCBI Official Full Name	Ras homolog gene family, member H
NCBI Official Synonym Full Names	ras homolog family member H
NCBI Official Symbol	RHOH
NCBI Official Synonym Symbols	TTF; ARHH
Protein Family	Rho-related GTP-binding protein
NCBI Protein Information	rho-related GTP-binding protein RhoH
NCBI Summary for RHOH	The protein encoded by this gene is a member of the Ras superfamily of guanosine triphosphate (GTP)-metabolizing enzymes. The encoded protein is expressed in hematopoietic cells, where it functions as a negative regulator of cell growth and survival. This gene may be hypermutated or misexpressed in leukemias and lymphomas. Chromosomal translocations in non-Hodgkin's lymphoma occur between this locus and B-cell CLL/lymphoma 6 (BCL6) on chromosome 3, leading to the production of fusion transcripts. Alternative splicing in the 5' untranslated region results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2013]
Research Articles on RHOH	**1.** In AML, RhoH expression negatively correlates with recurrence rate, which can be used as a prognostic indicator independently
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