

RHOH Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant RHOH.

Catalog # AT3638a

Product Information

Application	E
Primary Accession	Q15669
Other Accession	BC014261
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3D3
Calculated MW	21331

Additional Information

Gene ID	399
Other Names	Rho-related GTP-binding protein RhoH, GTP-binding protein TTF, Translocation three four protein, RHOH, ARHH, TTF
Target/Specificity	RHOH (AAH14261.1, 1 a.a. ~ 191 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RHOH Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

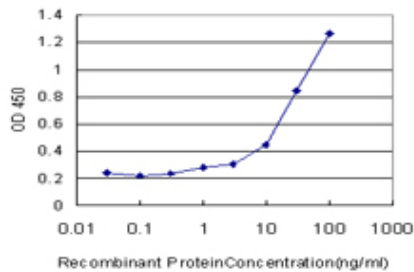
The protein encoded by this gene is a member of the Ras superfamily of small GTPases. Expression of a chimeric transcript of LAZ3 and this gene has been reported as a result of the translocation t(3;4) in non-Hodgkin's lymphomas. This gene encodes a small G-like protein, and unlike most other small G proteins which are expressed ubiquitously, this gene is transcribed only in hemopoietic cells.

References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Lysosomal degradation of RhoH protein upon

antigen receptor activation in T but not B cells. Schmidt-Mende J, et al. Eur J Immunol, 2010 Feb. PMID 19950172. Involvement of RhoH GTPase in the development of B-cell chronic lymphocytic leukemia. Sanchez-Aguilera A, et al. Leukemia, 2010 Jan. PMID 19847197. RhoH/TTF negatively regulates leukotriene production in neutrophils. Daryadel A, et al. J Immunol, 2009 May 15. PMID 19414807. Prognostic implication and biological roles of RhoH in acute myeloid leukaemia. Iwasaki T, et al. Eur J Haematol, 2008 Dec. PMID 18691253.

Images



Detection limit for recombinant GST tagged RHOH is approximately 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.