

**RHOH Antibody (monoclonal) (M03)**

Mouse monoclonal antibody raised against a full length recombinant RHOH.

Catalog # AT3638a

**Specification**

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**RHOH Antibody (monoclonal) (M03) - Product Information**

Application	E
Primary Accession	<a href="#">Q15669</a>
Other Accession	<a href="#">BC014261</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	21331

**RHOH Antibody (monoclonal) (M03) - 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.

**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.

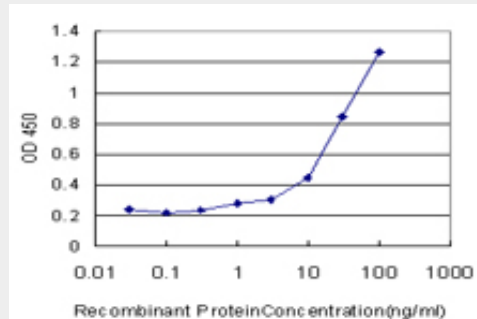
**RHOH Antibody (monoclonal) (M03) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

### **RHOH Antibody (monoclonal) (M03) - Images**



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

### **RHOH Antibody (monoclonal) (M03) - 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.

### **RHOH Antibody (monoclonal) (M03) - 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.