

RABIF Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RABIF.

Catalog # AT3540a

Specification

RABIF Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	P47224
Other Accession	BC018488
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	13839

RABIF Antibody (monoclonal) (M01) - Additional Information

Gene ID 5877

Other Names

Guanine nucleotide exchange factor MSS4, Rab-interacting factor, RABIF, MSS4, RASGRF3

Target/Specificity

RABIF (AAH18488, 1 a.a. ~ 123 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

RABIF Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

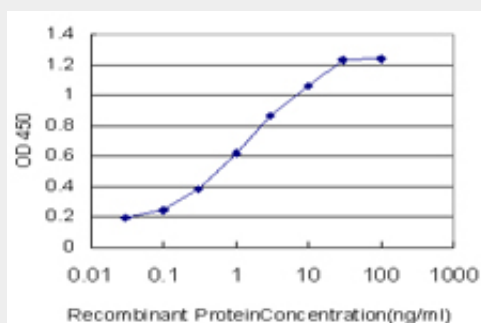
RABIF Antibody (monoclonal) (M01) - Protocols

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](#)

RABIF Antibody (monoclonal) (M01) - Images



Detection limit for recombinant GST tagged RABIF is approximately 0.03ng/ml as a capture antibody.

RABIF Antibody (monoclonal) (M01) - Background

The Sec4/Rab-related small GTP-binding proteins are involved in the regulation of intracellular vesicular transport. Mss4 stimulates GTP-GDP exchange in Sec4 and Rab and binds to a subset of genetically related Rab proteins.

RABIF Antibody (monoclonal) (M01) - References

Follow-up of a major linkage peak on chromosome 1 reveals suggestive QTLs associated with essential hypertension: GenNet study. Ehret GB, et al. Eur J Hum Genet, 2009 Dec. PMID 19536175. Nucleotide exchange via local protein unfolding--structure of Rab8 in complex with MSS4. Itzen A, et al. EMBO J, 2006 Apr 5. PMID 16541104. A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. MICAL-1 isoforms, novel rab1 interacting proteins. Weide T, et al. Biochem Biophys Res Commun, 2003 Jun 20. PMID 12788069.