

## RABIF Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RABIF.

Catalog # AT3540a

### Product Information

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|--------------------------|--------------------------|
| <b>Application</b>       | E                        |
| <b>Primary Accession</b> | <a href="#">P47224</a>   |
| <b>Other Accession</b>   | <a href="#">BC018488</a> |
| <b>Reactivity</b>        | Human                    |
| <b>Host</b>              | mouse                    |
| <b>Clonality</b>         | monoclonal               |
| <b>Isotype</b>           | IgG1 Kappa               |
| <b>Clone Names</b>       | 2G3                      |
| <b>Calculated MW</b>     | 13839                    |

### Additional Information

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|---------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 5877                                                                                                                |
| <b>Other Names</b>        | Guanine nucleotide exchange factor MSS4, Rab-interacting factor, RABIF, MSS4, RASGRF3                               |
| <b>Target/Specificity</b> | RABIF (AAH18488, 1 a.a. ~ 123 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Dilution</b>           | E~~N/A                                                                                                              |
| <b>Format</b>             | Clear, colorless solution in phosphate buffered saline, pH 7.2 .                                                    |
| <b>Storage</b>            | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                            |
| <b>Precautions</b>        | RABIF Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

### Background

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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.

### References

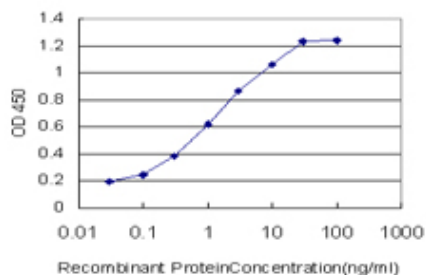
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Follow-up of a major linkage peak on chromosome 1 reveals suggestive QTLs associated with essential hypertension: GenNet study. Ehret GB, et al. Eur J Hum Genet, 2009 Dec. PMID 19536175. Nucleotide exchange via local protein unfolding--structure of 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.

## Images

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

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