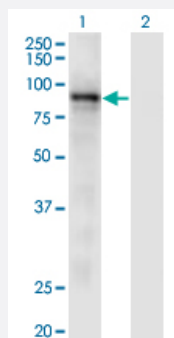


# RASA3 monoclonal antibody (M01), clone 1F11

Catalog # H00022821-M01

Size 100 ug

## Applications

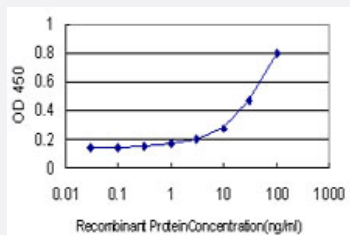


### Western Blot (Transfected lysate)

Western Blot analysis of RASA3 expression in transfected 293T cell line by RASA3 monoclonal antibody (M01), clone 1F11.

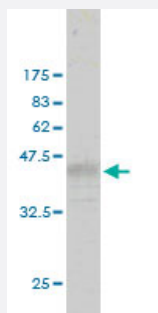
Lane 1: RASA3 transfected lysate (Predicted MW: 95.7 kDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RASA3 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 kDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant RASA3.

<b>Immunogen</b>	RASA3 (AAH47242, 725 a.a. ~ 834 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	DGDRETERIYSLFNLYMSKLEKMQEACGSKSVYDGPEQEEYSTFVIDDPQETYKTLKQVIAGVGAL EQEHAQYKRDKFKKTKYGSQEHPIGDKSFQNYRQQSETSTHSI
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (94); Rat (94)
<b>Isotype</b>	IgG2a kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RASA3 expression in transfected 293T cell line by RASA3 monoclonal antibody (M01), clone 1F11.

Lane 1: RASA3 transfected lysate (Predicted MW: 95.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RASA3 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — RASA3

Entrez GeneID	<a href="#">22821</a>
GeneBank Accession#	<a href="#">BC047242</a>
Protein Accession#	<a href="#">AAH47242</a>
Gene Name	RASA3
Gene Alias	GAP1IP4BP, GAPIII, MGC46517, MGC47588
Gene Description	RAS p21 protein activator 3
Omim ID	<a href="#">605182</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This family member is an inositol 1,3,4,5-tetrakisphosphate-binding protein, like the closely related RAS p21 protein activator 2. The two family members have distinct pleckstrin-homology domains, with this particular member having a domain consistent with its localization to the plasma membrane. [provided by RefSeq]</p>
Other Designations	GTPase activating protein III Ins(1,3,4,5)P4-binding protein inositol 1,3,4,5-tetrakisphosphate-binding protein