

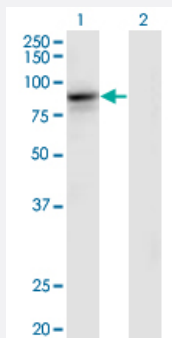
CX Grade

RASA3 monoclonal antibody (M01), clone 1F11

Catalog # H00022821-M01C

Size 200 uL

Applications

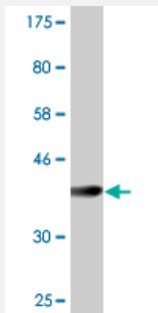


Western Blot (Transfected lysate)

Western Blot analysis of RASA3 expression in transfected 293T cell line by RASA3 monoclonal antibody (M01C), clone 1F11.

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

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RASA3.
This product is belong to Cell Culture Grade Antibody (CX Grade).

Immunogen

RASA3 (AAH47242, 725 a.a. ~ 834 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

DGDRETERIYSLFNLYMSKLEKMQEACGSKSVYDGPEQEEYSTFVIDDPQETYKTLKQVIAGVGAL
EQEHAQYKRDKFKKTKYGSQEHPIGDKSFQNYRQQSETSTHSI

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (94); Rat (94)
Preparation Method	Cell Culture Production
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In condensed culture supernatant
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RASA3

Entrez GeneID	22821
GeneBank Accession#	BC047242
Protein Accession#	AAH47242
Gene Name	RASA3
Gene Alias	GAP1IP4BP, GAPIII, MGC46517, MGC47588
Gene Description	RAS p21 protein activator 3
Omim ID	605182

Gene Ontology

[Hyperlink](#)**Gene Summary**

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]

Other Designations

GTPase activating protein III|Ins(1,3,4,5)P4-binding protein|inositol 1,3,4,5-tetrakisphosphate-binding protein