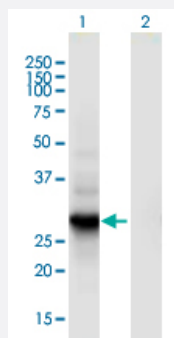


RGS18 monoclonal antibody (M02), clone 1G12

Catalog # H00064407-M02

Size 100 ug

Applications

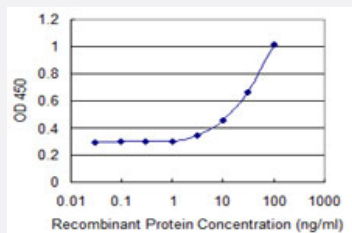


Western Blot (Transfected lysate)

Western Blot analysis of RGS18 expression in transfected 293T cell line by RGS18 monoclonal antibody (M02), clone 1G12.

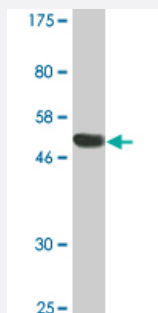
Lane 1: RGS18 transfected lysate (Predicted MW: 27.6 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RGS18 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (51.59 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant RGS18.

Immunogen	RGS18 (AAH20632, 1 a.a. ~ 235 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	METLLFFSQINMCESKEKTFKKLIHGSGKEETSKEAKIRAKEKRNRLSLLVQKPEFHEDTRSSRS GHLAKETRVSPEEAVKWGESFDKLLSHRDGLEAFTRFLKTEFSEENIEFWIACEDFKKSKGPQQI HLKAKAIYEKFIQTDAPKEVNLDFTKEVITNSITQPTLHSFDAAQSRVYQLMEQDSYTRFLKSDYL DLMEGRPQRPTNLRRRRSRSTFCNEFQDVQSDVAWL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (82)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.59 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RGS18 expression in transfected 293T cell line by RGS18 monoclonal antibody (M02), clone 1G12.

Lane 1: RGS18 transfected lysate (Predicted MW: 27.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RGS18 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RGS18

Entrez GeneID [64407](#)

GeneBank Accession# [BC020632](#)

Protein Accession# [AAH20632](#)

Gene Name RGS18

Gene Alias RGS13

Gene Description regulator of G-protein signaling 18

Omim ID [607192](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the regulator of G-protein signaling family. This protein is contain s a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPas e activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis al lows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]

Other Designations OTTHUMP00000033590|regulator of G-protein signalling 13|regulator of G-protein signalling 18

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
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