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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RGS4 monoclonal antibody (M01), clone 2B2

Catalog # : H00005999-M01

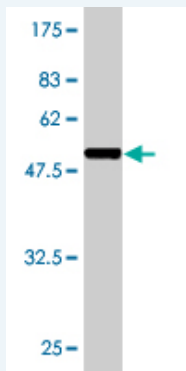
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant RGS4.
Immunogen:	RGS4 (AAH51869, 1 a.a. ~ 205 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MCKGLAGLPASCLRSKDMKHLGFLQKSDSCEHNSSHNKKDKVICQ RVSQEEVKKWAESLENLISHECGLAAFKAFLKSEYSEENIDFWISCEEYKK IKSPSKLSPKAKKIYNEFISVQATKEVNLDSCTREETSRNMLEPTITCFDEA QKKIFNLMEKDSYRRFLKSRFYLDLVPSSCGAEKQKGAKSSADCASLV PQCA
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (48.29 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

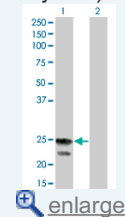
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

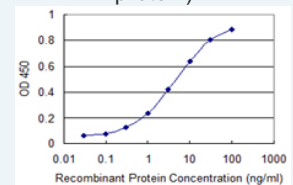
Application Image

Western Blot (Transfected lysate)



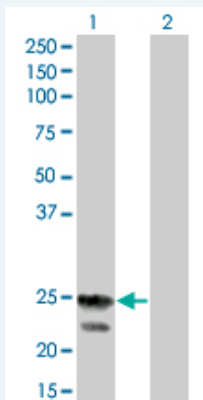
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Western Blot analysis of RGS4 expression in transfected 293T cell line by RGS4 monoclonal antibody (M01), clone 2B2.

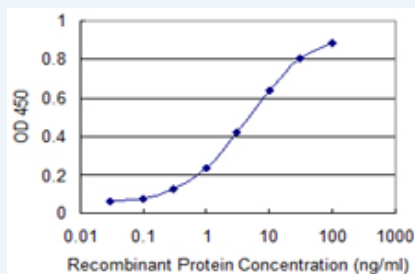
Lane 1: RGS4 transfected lysate(23.3 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged RGS4 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5999](#)

GeneBank [BC051869](#)

Accession#:

Protein [AAH51869](#)

Accession#:

Gene Name: RGS4

Gene Alias: DKFZp761F1924,MGC2124,MGC60244,RGP4,SCZD9

Gene Description: regulator of G-protein signaling 4

Description:

Omim ID: [602516](#), [604906](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 4 belongs to this family. All RGS

proteins share a conserved 120-amino acid sequence termed the RGS domain. Regulator of G protein signaling 4 protein is 37% identical to RGS1 and 97% identical to rat Rgs4. This protein negatively regulate signaling upstream or at the level of the heterotrimeric G protein and is localized in the cytoplasm. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Other OTTHUMP00000032322,regulator of G-protein signalling
Designations: 4,schizophrenia disorder 9

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