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Datasheet for ABIN562646
anti-RGS4 antibody (AA 1-205)

3 Images

Overview

Quantity:	100 µg
Target:	RGS4
Binding Specificity:	AA 1-205
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RGS4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	MCKGLAGLPA SCLRSKDMK HRLGFLQKS DSCEHNSSHN KKDKVVICQR VSQEEVKKWA ESLENLISHE CGLAAFKAFK KSEYSEENID FWISCEEYKK IKSPSKLSPK AKKIYNEFIS VQATKEVNLD SCTREETSRN MLEPTITCFD EAQKKIFNLM EKDSYRRFLK SRFYLDLVNP SSCGAEKQKG AKSSADCASL VPQCA
Clone:	2B2
Isotype:	IgG2b
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: RGS4

Alternative Name: RGS4 ([RGS4 Products](#))

Background: Full Gene Name: regulator of G-protein signaling 4
Synonyms: DKFZp761F1924,MGC2124,MGC60244,RGP4,SCZD9

Gene ID: 5999

Pathways: [Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

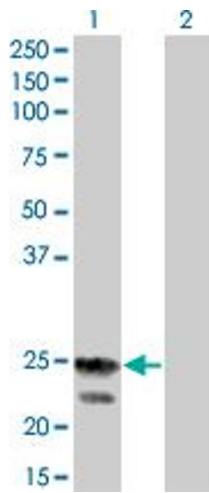
Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

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

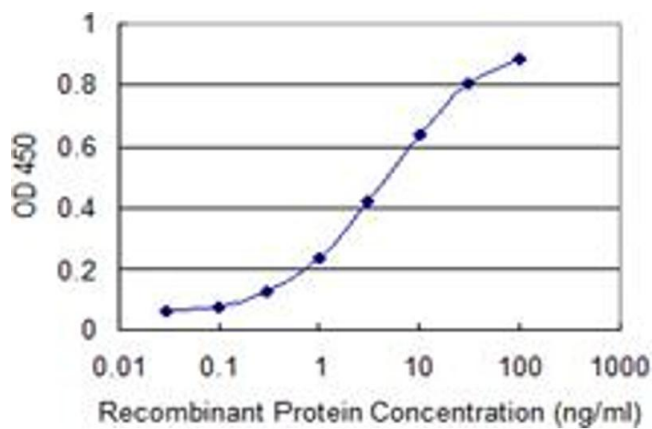


Western Blotting

Image 1. Western Blot analysis of RGS4 expression in transfected 293T cell line by RGS4 monoclonal antibody (M01), clone 2B2.

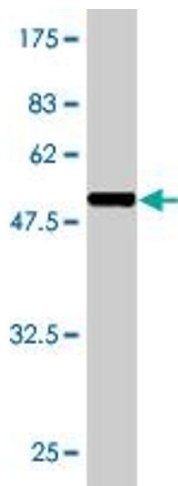
Lane 1: RGS4 transfected lysate(23.3 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged RGS4 is 0.1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (48.29 KDa) .