

Datasheet for ABIN521940
anti-RGS5 antibody (AA 94-181)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RGS5
Binding Specificity:	AA 94-181
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RGS5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant RGS5.
Immunogen:	RGS5 (NM_003617, 94 a.a. ~ 181 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	WIACEDYKKI KSPAKMAEKA KQIYEEFIQT EAPKEVNIDH FTKDITMKNL VEPSLSSFDM AQKRIHALME KDSLPRFVRS EFYQELIK
Clone:	4E12
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	RGS5
Alternative Name:	RGS5 (RGS5 Products)
Background:	Full Gene Name: regulator of G-protein signaling 5 Synonyms: MST092,MST106,MST129,MSTP032,MSTP092,MSTP106,MSTP129
Gene ID:	8490
NCBI Accession:	NM_003617
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling

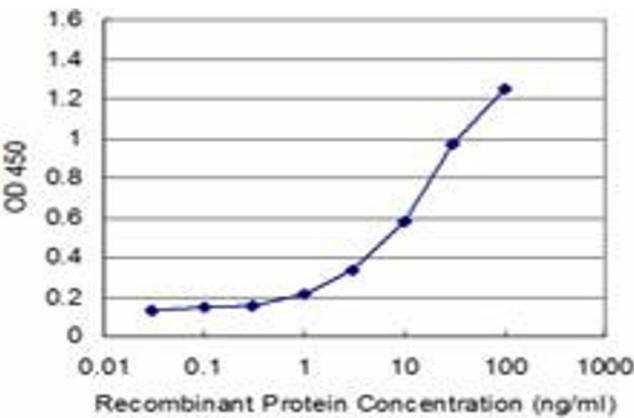
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

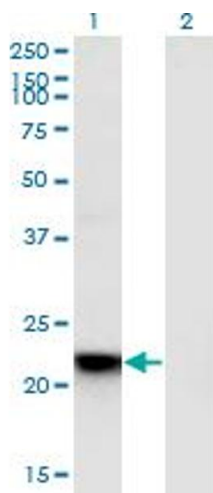
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

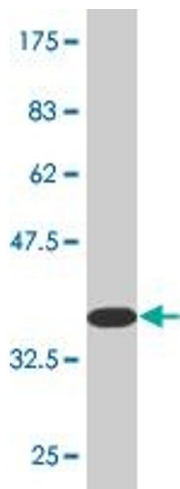
Image 1. Detection limit for recombinant GST tagged RGS5 is approximately 1 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot analysis of RGS5 expression in transfected 293T cell line by RGS5 monoclonal antibody (M01), clone 4E12.

Lane 1: RGS5 transfected lysate (Predicted MW: 20.9 kDa).
Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (35.42 kDa) .