

Datasheet for ABIN524067
anti-RGS14 antibody (AA 1-566)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	RGS14
Binding Specificity:	AA 1-566
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RGS14 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant RGS14.
Immunogen:	RGS14 (AAH14094, 1 a.a. ~ 566 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MPGKPKHLGV PNGRMVLAVS DGELSSTTGP QGQEGGRGSS LSIHSLPSGP SSPFPTEEQP VASWALSFER LLQDPLGLAY FTEFLKKEFS AENVTFWKAC ERFQQIPASD TQQLAQEARN IYQEFLSSQA LSPVNIDRQA WLGEVLAEP RPD MFRAQQL QIFNLMKFDS YARFVKSPLY RECLLAE AEG RPLREPGSSR LGSPDATRKK PKLKP GKSLP LGVEELGQLP PVEGPGGRPL RKSFRRELGG TANAALRRES QGSLNSSASL DLGFLAFVSS KSESHRKS LG STEGESES RP GKYCCVYLPD GTASLALARP GLTIRDMLAG ICEKRGLSLP DIKVYLVGNE QALVLDQDCT VLADQEVRL E NRITFELELT ALERVVRISA KPTKRLQEAL QPILEKHGLS PLEVVLHRPG EKQPLDLGKL VSSVAAQRLV LDTLPGVKIS KARDKSPCRS QGCPPTQDK ATHPPPASPS

Product Details

SLVKVPSSAT GKRQTCDIKG LVELLNRVQS SGAHDQRGLL RKEDLVLPEF LQLPAQGPSS
EETPPQTKSA AQPIGGSLNS TTDSAL

Clone:	2F8
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

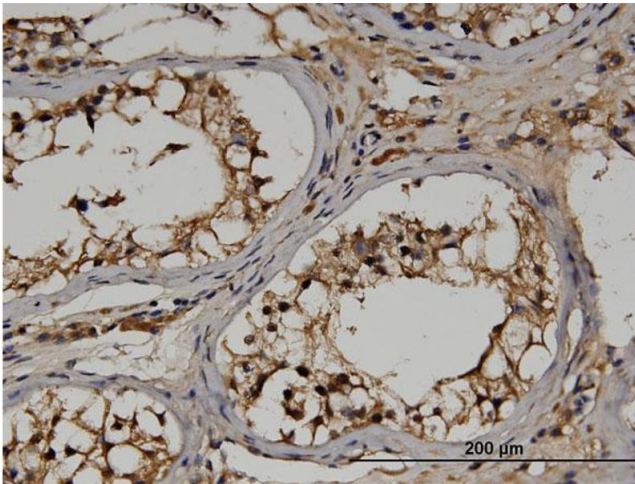
Target:	RGS14
Alternative Name:	RGS14 (RGS14 Products)
Background:	Full Gene Name: regulator of G-protein signaling 14 Synonyms:
Gene ID:	10636
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling , Platelet-derived growth Factor Receptor Signaling

Application Details

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

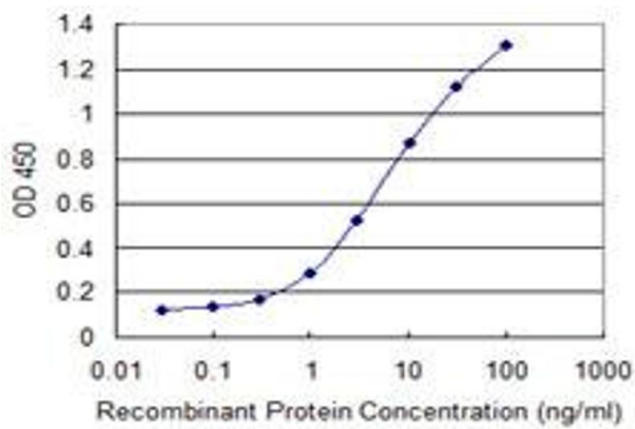
Handling

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.



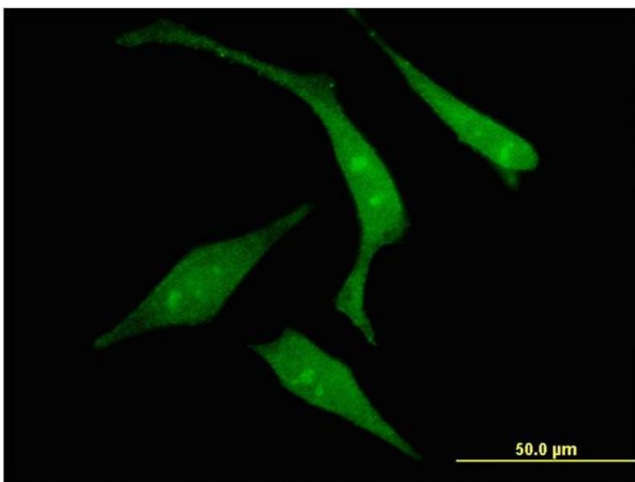
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to RGS14 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged RGS14 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to RGS14 on HeLa cell. [antibody concentration 10 ug/ml]