

Nur für Forschungszwecke

# RGS3 Monoklonaler Antikörper

Katalog-Nr.:66790-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66790-1-Ig	<b>GenBank-Zugangsnummer:</b> BC018072	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 2100 µg/ml von5998 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> regulator of G-protein signaling 3	<b>CloneNo.:</b> 1D6A3
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 1198 aa, 132 kDa	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000
<b>Isotyp:</b> IgG1	<b>Beobachtete Masse:</b> 140 kDa	
<b>Immunogen Katalognummer:</b> AG3177		

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : Jurkat-Zellen, HEK-293-Zellen
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

RGS3 belongs to a family of proteins which share the core regulator of G-protein signalling (RGS) domain and function as GTPase-activating proteins (GAPs) for the  $\alpha$  subunit of heterotrimeric G-proteins. RGS3 has been reported to inhibit the Gai- and Gaq-mediated signaling pathways in the cardiovascular system, including those acting via the cardiovascular signaling molecules angiotensin II (Ang II), sphingosine 1-phosphate and endothelin-1. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms. Long isoforms are largely cytosolic and plasma membrane-associated with a function in Wnt signaling and in the epithelial mesenchymal transition, while shorter N-terminally-truncated isoforms can be nuclear.

## Lagerung

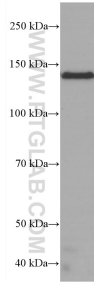
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with 66790-1-Ig (RG53 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.