

For Research Use Only

# RGS5 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88404-1-PBS



## Basic Information

|                                     |                                                  |                                                |
|-------------------------------------|--------------------------------------------------|------------------------------------------------|
| Catalog Number:<br>88404-1-PBS      | GenBank Accession Number:<br>BC030059            | Purification Method:<br>Protein A purification |
| Source:<br>Rabbit                   | GeneID (NCBI):<br>8490                           | CloneNo.:<br>260952D7                          |
| Isotype:<br>IgG                     | UNIPROT ID:<br>O15539                            |                                                |
| Immunogen Catalog Number:<br>AG2196 | Full Name:<br>regulator of G-protein signaling 5 |                                                |
|                                     | Calculated MW:<br>181 aa, 21 kDa                 |                                                |
|                                     | Observed MW:<br>42 kDa                           |                                                |

## Applications

Tested Applications:  
WB, IF/ICC, Indirect ELISA

Species Specificity:  
human, mouse, rat

## Background Information

RGS5 inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. It binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha. The 42kDa band recognized by this antibody is a RGS5-RGS5 dimer. (PMID:17762159)

## Storage

Storage:  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

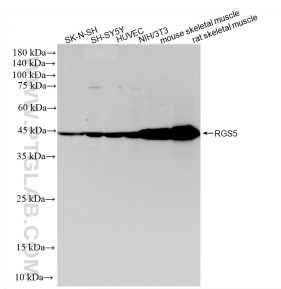
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

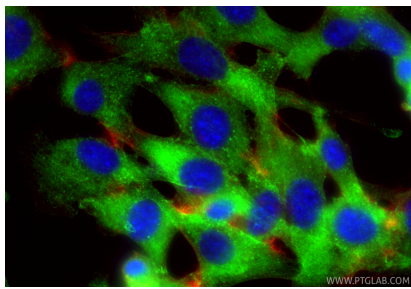
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88404-1-RR (RGS5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88404-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using RGS5 antibody (88404-1-RR, Clone: 260952D7 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 88404-1-PBS in a different storage buffer formulation.