

# RASGRP3 Monoclonal antibody, PBS Only

Catalog Number: 66650-1-PBS

## Basic Information

## Catalog Number:

66650-1-PBS

## Size:

1 mg/ml

## Source:

Mouse

## Isotype:

IgG2a

## Immunogen Catalog Number:

AG3810

## GenBank Accession Number:

BC027849

## GeneID (NCBI):

25780

## UNIPROT ID:

Q8IV61

## Full Name:

RAS guanyl releasing protein 3  
(calcium and DAG-regulated)

## Calculated MW:

690 aa, 78 kDa

## Observed MW:

78 kDa

## Purification Method:

Protein A purification

## CloneNo.:

1A10G4

## Applications

## Tested Applications:

WB, Indirect ELISA, IF

## Species Specificity:

Human, mouse

## Background Information

AS guanyl releasing protein 3 (RASGRP3) is a member of the RasGRP family and is able to promote guanine nucleotide exchange of Ha-Ras, R-Ras and Rap1 (PMID: 9582122). RASGRP3 is involved in a diverse range of important biological processes. RASGRP3 has emerged as an important mediator of signaling downstream from receptor coupled phosphoinositide turnover in B and T cells. Overexpression of RASGRP3 is commonly associated with many malignancies, such as pre-B-cell leukemia, Burkitt's lymphoma and natural killer-like T-cell leukemia. Recently, it has been reported that upregulation of RASGRP3 expression in prostate cancer correlates with aggressive capabilities and predicts biochemical recurrence after radical prostatectomy (PMID: 24418912).

## 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

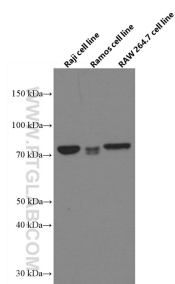
For technical support and original validation data for this product please contact:

T: 4006900926

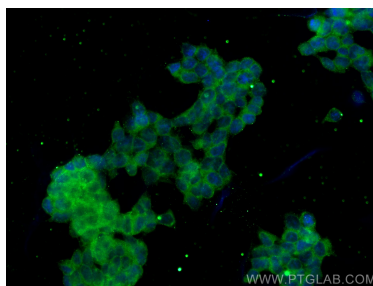
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66650-1-Ig (RASGRP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66650-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using RASGRP3 antibody (66650-1-Ig, Clone: 1A10G4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66650-1-PBS in a different storage buffer formulation.