

For Research Use Only

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.

Storage Buffer:

PBS Only

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

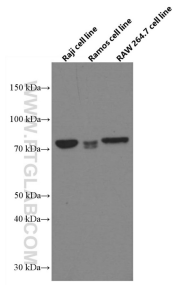
T: 4006900926

E: Proteintech-CN@ptglab.com

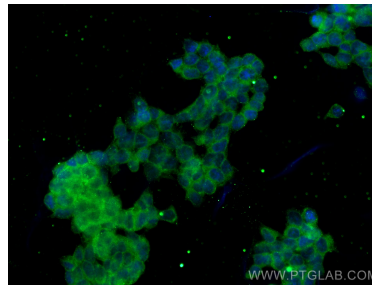
W: ptgcn.com

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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.