

For Research Use Only

RASGRP3 Monoclonal antibody, PBS Only



Catalog Number: 66650-1-PBS

Basic Information

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| Catalog Number: 66650-1-PBS | GenBank Accession Number: BC027849 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 25780 | CloneNo.: 1A10G4 |
| Source: Mouse | UNIPROT ID: Q8IV61 | |
| Isotype: IgG2a | Full Name: RAS guanyl releasing protein 3 (calcium and DAG-regulated) | |
| Immunogen Catalog Number: AG3810 | Calculated MW: 690 aa, 78 kDa | |
| | Observed MW: 78 kDa | |

Applications

Tested Applications:
WB, IF, Indirect ELISA

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-Bcell 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

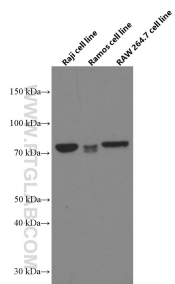
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

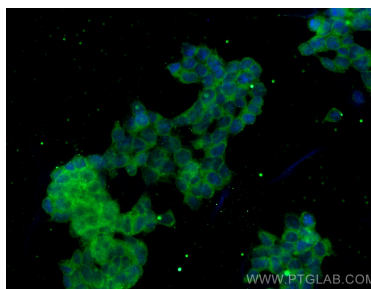
E: proteintech@ptglab.com
W: ptglab.com

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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.