

For Research Use Only

PICALM Monoclonal antibody, PBS Only



Catalog Number: 67564-1-PBS

Basic Information

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|---|---|---|
| Catalog Number: 67564-1-PBS | GenBank Accession Number: BC064357 | Purification Method: Protein G purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 8301 | CloneNo.: 1F6G7 |
| Source: Mouse | UNIPROT ID: Q13492 | |
| Isotype: IgG1 | Full Name: phosphatidylinositol binding clathrin assembly protein | |
| Immunogen Catalog Number: AG29512 | Calculated MW: 71 kDa | |
| | Observed MW: 60-70 kDa | |

Applications

Tested Applications:
WB, IF, IHC, ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

PICALM (Phosphatidyl Inositol Clathrin Assembly Lymphoid Myeloid protein) is a ubiquitously expressed protein that plays a role in clathrin-mediated endocytosis. PICALM also affects the internalization and trafficking of SNAREs and modulates macroautophagy. PICALM is a highly validated genetic risk factor for Alzheimer's disease (AD). The long isoform of human PICALM has 22 exons (encoding PICALML), while the short isoform lacks exon 14 (encoding PICALMS). (PMID: 33397371, PMID: 26075887, PMID: 26005850)

Storage

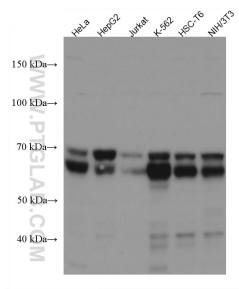
Storage:
Store at -80°C.

Storage Buffer:
PBS only

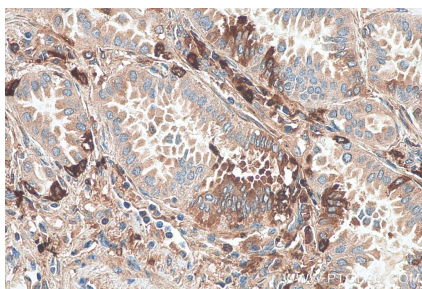
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

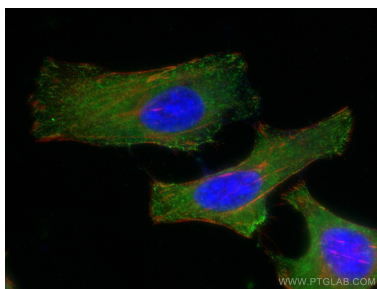
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67564-1-Ig (PICALM antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67564-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67564-1-Ig (PICALM antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67564-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PICALM antibody (67564-1-Ig, Clone: 1F6G7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67564-1-PBS in a different storage buffer formulation.