

For Research Use Only

CORO1C Monoclonal antibody

Catalog Number: 68846-1-Ig



Basic Information

| | | |
|--|---|--|
| Catalog Number: 68846-1-Ig | GenBank Accession Number: BC002342 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 23603 | CloneNo.: 1B10G4 |
| Source: Mouse | UNIPROT ID: Q9ULV4 | Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800 |
| Isotype: IgG2b | Full Name: coronin, actin binding protein, 1C | |
| Immunogen Catalog Number: AG6546 | Calculated MW: 53 kDa | |
| | Observed MW: 57 kDa | |

Applications

| | |
|--|---|
| Tested Applications: WB, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human, mouse, rat | WB : hTERT-RPE1 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, MDA-MB-231 cells, A549 cells, A431 cells, HepG2 cells |
| | IF/ICC : SH-SY5Y cells, |

Background Information

CORO1C also known as HCRNN4, belongs to the WD repeat coronin family. CORO1C contains 5 N-terminal trp-aspartate (WD) repeats and a C-terminal coiled-coil motif. It was reported to regulate actin-dependent processes by assembling F-actin. CORO1C promoted the invasion of breast cancer and glioma cells by specifically promoting the formation of invadopodia (PMID: 30974047).

Storage

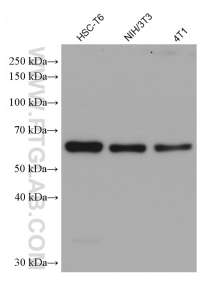
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

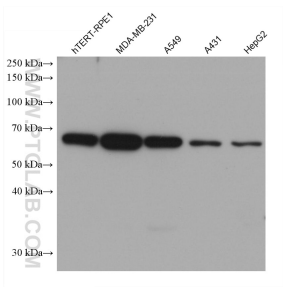
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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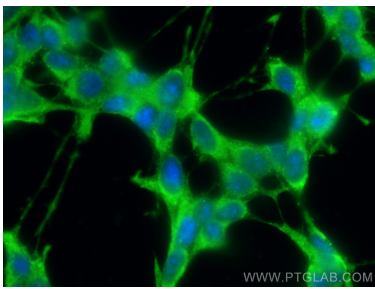
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68846-1-Ig (CORO1C antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CORO1C antibody (68846-1-Ig, Clone: 1B10G4) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).