

For Research Use Only

CORO1A Recombinant antibody

Catalog Number: 84602-5-RR



Basic Information

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| Catalog Number: 84602-5-RR | GenBank Accession Number: BC110374 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 11151 | CloneNo.: 242027H5 |
| Source: Rabbit | UNIPROT ID: P31146 | Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:200-1:800 |
| Isotype: IgG | Full Name: coronin, actin binding protein, 1A | |
| Immunogen Catalog Number: AG12139 | Calculated MW: 461 aa, 51 kDa Observed MW: 57 kDa | |

Applications

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| Tested Applications: WB, IF/ICC, FC (Intra), ELISA | Positive Controls: |
| Species Specificity: human, mouse, rat | WB : Jurkat cells, RAW 264.7 cells, mouse brain tissue, rat brain tissue IF/ICC : Jurkat cells, |

Background Information

CORO1A also known as TACO, belongs to the WD repeat coronin family. CORO1A is recruited to phagosomes and actively retained by surviving mycobacteria and is usually released before phagosome fusion with or maturation into lysosomes. CORO1A is expressed in the brain, thymus, spleen, bone marrow, and lymph nodes. Mutations in CORO1A cause Immunodeficiency 8 with lymphoproliferation (IMD8)(PMID: 10338208).

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

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

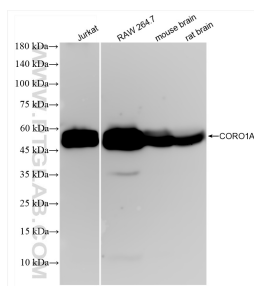
T: 4006900926

E: Proteintech-CN@ptglab.com

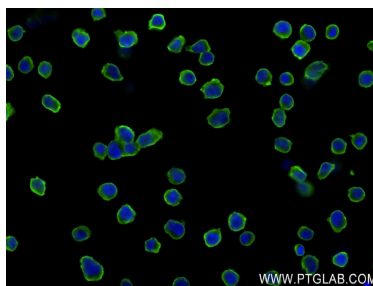
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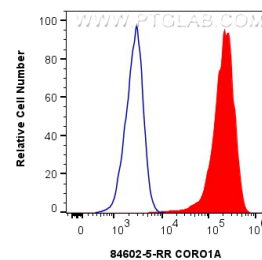
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84602-5-RR (CORO1A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CORO1A antibody (84602-5-RR, Clone: 242027H5) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug CORO1A Recombinant antibody (84602-5-RR, Clone:242027H5) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).