

For Research Use Only

CORO1A Recombinant antibody

Catalog Number: 84602-5-RR



Basic Information

Catalog Number: 84602-5-RR	GenBank Accession Number: BC110374	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	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

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

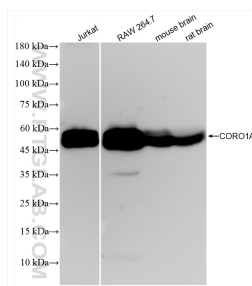
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

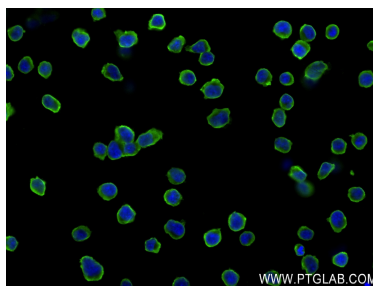
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

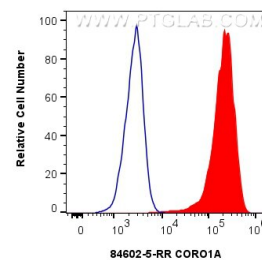
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).



1×10^6 Jurkat cells were intracellularly stained with 0.25 μ g CORO1A Recombinant antibody (84602-5-RR, Clone:242027H5) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 μ g 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).