

For Research Use Only

CoraLite® Plus 488-conjugated Sortilin Monoclonal antibody



Catalog Number: CL488-68007

Basic Information

Catalog Number: CL488-68007	GenBank Accession Number: BC023542	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 6272	CloneNo.: 2B11B9
Source: Mouse	ENSEMBL Gene ID: ENSG00000134243	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	UNIPROT ID: Q99523	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28043	Full Name: sortilin 1	
	Calculated MW: 831 aa, 92 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: FC (Intra), IF-P	Positive Controls: IF : mouse brain tissue,
Species Specificity: Human, Mouse, Rat, Pig	

Background Information

Sortilin 1 (SORT1), is a trans-Golgi network (TGN) transmembrane protein and is a member of the Vps10p domain receptor family. SORT1 binds a number of unrelated ligands that participate in a wide range of cellular processes. It functions as a sorting receptor in the Golgi compartment and as a clearance receptor on the cell surface.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

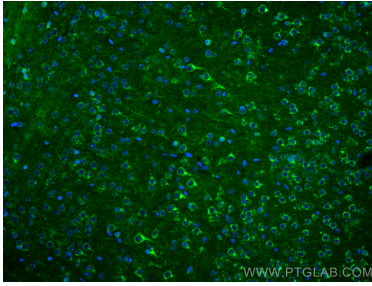
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E: Proteintech-CN@ptglab.com

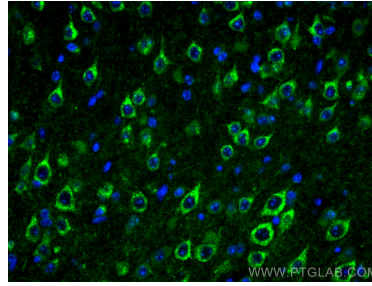
W: ptgcn.com

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

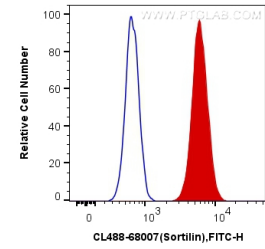
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Coralite® Plus 488 Sortilin antibody (CL488-68007, Clone: 2B11B9) at dilution of 1:200.



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1X10⁶ SH-SY5Y cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human Sortilin (CL488-68007, Clone:2B11B9) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).