

For Research Use Only

CoraLite® Plus 488-conjugated UCH-L1/PGP9.5 Recombinant monoclonal antibody

Catalog Number: CL488-84154-4



Basic Information

Catalog Number: CL488-84154-4	GenBank Accession Number: BC000332	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 7345	CloneNo.: 241107B2
Isotype: IgG	UNIPROT ID: P09936	Recommended Dilutions: IF-P: 1:50-1:500
Immunogen Catalog Number: AG6490	Full Name: ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 25 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P: mouse brain tissue,
Species Specificity: human, mouse, rat	

Background Information

UCHL1(Ubiquitin carboxyl-terminal hydrolase isozyme L1) is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. Expression of UCHL1 is highly specific to neurons and to cells of the diffuse neuroendocrine system and their tumors. It is present in all neurons(PMID: 6343558). This protein is present in brain at concentrations at least 50 times greater than in other organs and is a major protein component of neuronal cytoplasm (PMID:7217993). And UCHL1 is a Parkinson's disease susceptibility gene (PMID:15048890).

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

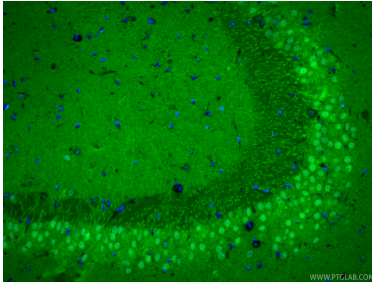
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CoraLite® Plus 488 UCH-L1/PGP9.5 antibody (CL488-84154-4, Clone: 241107B2) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).