

For Research Use Only

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

Catalog Number: CL488-84154-4



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-84154-4	BC000332	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	7345	241107B2
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P09936	IF-P: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	493 nm / 522 nm
Immunogen Catalog Number:	Calculated MW:	
AG6490	25 kDa	
	Observed MW:	
	27 kDa	

Applications

Tested Applications:	Positive Controls:
IF-P	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).

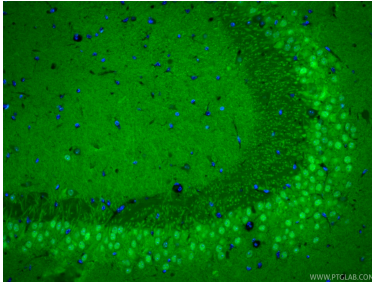
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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).