For Research Use Only

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

Catalog Number:CL488-84154-5

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-84154-5

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6490

GenBank Accession Number:
BC000332

GeneID (NCBI):
7345

UNIPROT ID:
P09936

Full Name:
ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)

Calculated MW:
25 kDa

Observed MW:
27 kDa

Purification Method:
Protein A purification

CloneNo.:
241107B3

Recommended Dilutions:
IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF-P

Species Specificity:
human, mouse, rat

Positive Controls:

IF-P : mouse brain tissue,

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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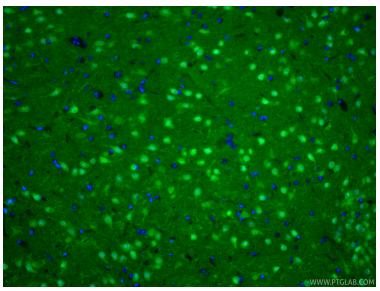
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CoraLite® Plus 488 UCH-L1/PGP9.5 antibody (CL488-84154-5, Clone: 241107B3) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).