

## PGP9.5 Rabbit mAb

Catalog No: #49397

Package Size: #49397-1 50ul #49397-2 100ul

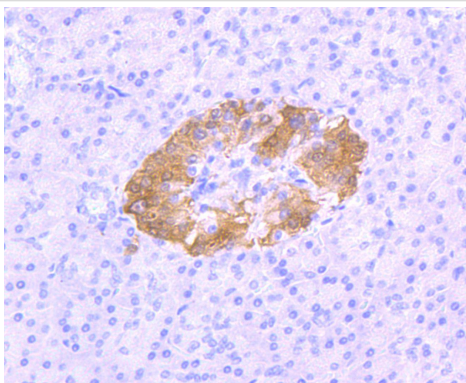
## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | PGP9.5 Rabbit mAb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host Species          | Recombinant Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality             | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clone No.             | JF93-08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purification          | ProA affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications          | WB, ICC/IF, IHC, IP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species Reactivity    | Hu, Ms, Rt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen Description | recombinant protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Other Names           | Epididymis luminal protein 117 antibody Epididymis secretory protein Li 53 antibody HEL 117 antibody HEL S 53 antibody NDGOA antibody Neuron cytoplasmic protein 9.5 antibody OTTHUMP00000218137 antibody OTTHUMP00000218139 antibody OTTHUMP00000218140 antibody OTTHUMP00000218141 antibody Park 5 antibody PARK5 antibody PGP 9.5 antibody PGP9.5 antibody PGP95 antibody Protein gene product 9.5 antibody Ubiquitin C terminal esterase L1 antibody Ubiquitin C terminal hydrolase antibody Ubiquitin C terminal hydrolase L1 antibody Ubiquitin carboxyl terminal esterase L1 antibody Ubiquitin carboxyl terminal hydrolase isozyme L1 antibody Ubiquitin carboxyl-terminal hydrolase isozyme L1 antibody Ubiquitin thioesterase L1 antibody Ubiquitin thiolesterase antibody Ubiquitin thiolesterase L1 antibody UCH-L1 antibody UCHL1 antibody UCHL1_HUMAN antibody |
| Accession No.         | Swiss-Prot#:P09936                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Calculated MW         | 25 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formulation           | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage               | Store at -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

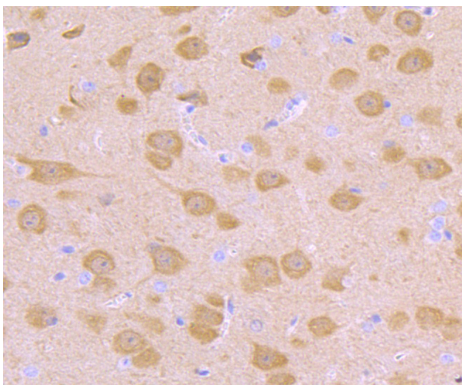
## Application Details

WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:100-1:500 IP: 1:50-1:100

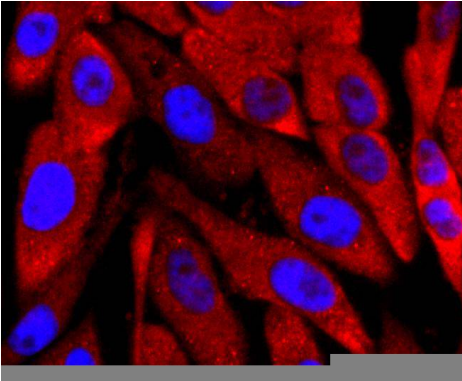
## Images



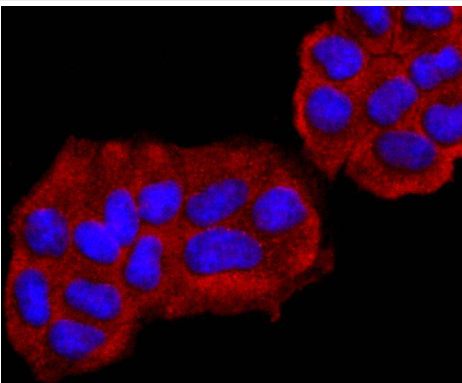
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-PGP9.5 antibody. Counter stained with hematoxylin.



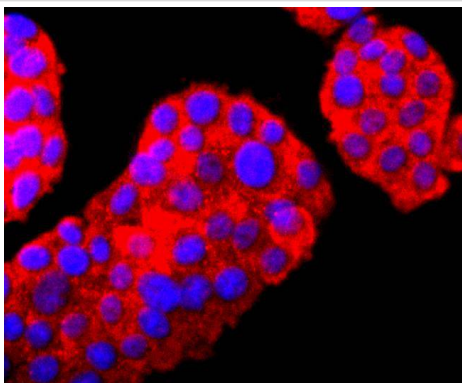
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-PGP9.5 antibody. Counter stained with hematoxylin.



ICC staining PGP9.5 in PC-3M cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining PGP9.5 in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining PGP9.5 in PC-12 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

UCH-L1 (ubiquitin C-terminal hydrolase) is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. Expression of UCH-L1 is highly specific to neurons and to cells of the diffuse neuroendocrine system and their tumors. UCH-L1 is expressed in brain neurons. Examination of specific brain regions reveals expression in all areas tested, particularly in the substantia nigra. UCH-L1 represents 1-2% of total soluble brain protein. Its occurrence in Lewy bodies and its function in the proteasome pathway make it a compelling candidate gene in Parkinson disease. The gene which encodes UCH-L1 maps to human chromosome 4p13. The 230 amino acid human UCH-L3 protein is 54% identical to that of UCH-L1. UCH-L3 is the predominant thiol protease and has high-affinity binding sites for ubiquitin.

## References

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.