

Mouse PGP9. 5/UchL1 Monoclonal Antibody | anti-UCHL1 antibody

PGP9.5/UchL1 (pan-Neuronal Marker) Recombinant Mouse Monoclonal Antibody [Clone rUCHL1/4557]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215975	Mouse	Human, Dog and Rat. Shows a broad species reactivity.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

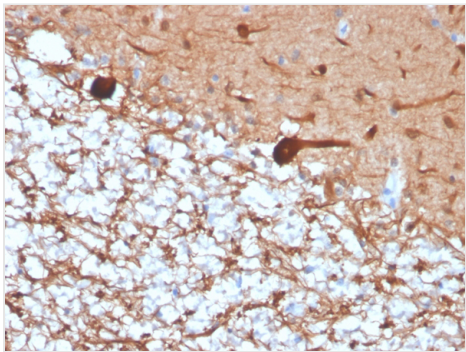
PRODUCT SYNONYMS

PGP9. 5/UchL1; Monoclonal Antibody; PGP9.5/UchL1 (pan-Neuronal Marker) Recombinant Mouse Monoclonal Antibody [Clone rUCHL1/4557]; PGP9. 5/UchL1 (pan-Neuronal Marker); Gracile Axonal Dystrophy; Neuron Cytoplasmic Protein 9. 5; Park5; Parkinson Disease 5; PGP95; Protein Gene Product 9. 5; Ubiquitin Carboxyl-terminal Esterase L1; Ubiquitin Carboxyl-terminal Hydrolase Isozyme L1; Ubiquitin Thioesterase L1; Ubiquitin Thiolesterase L1; anti-UCHL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Dog and Rat. Shows a broad species reactivity.
Clonality	Monoclonal
Isotype	Mouse/IgG2a, kappa
Clone Number	rUCHL1/4557
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-UCHL1 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant full-length human UCHL1 protein
Cellular Localization	Cytoplasmic, Endoplasmic reticulum membrane
Positive Control	Cerebellum
Hu-chromosome Location	4p13
Unigene	518731
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human cerebellum stained with Pgp9. 5 Mouse Recombinant Monoclonal Antibody (rUCHL1/4557).

ADDITIONAL INFORMATION

Related Product Information for anti-UCHL1 antibody	This MAb reacts with a protein of 20-30kDa, identified as PGP9. 5, also known as ubiquitin carboxyl-terminal hydrolase-1 (UchL1). Initially, PGP9. 5 expression in normal tissues was reported in neurons and neuroendocrine cells but later it was found in distal renal tubular epithelium, spermatogonia, Leydig cells, oocytes, melanocytes, prostatic secretory epithelium, ejaculatory duct cells, epididymis, mammary epithelial cells, Merkel cells, and dermal fibroblasts. Furthermore, immunostaining for PGP9. 5 has been shown in a wide variety of mesenchymal neoplasms as well. A mutation in PGP9. 5 gene is believed to cause a form of Parkinson's disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361091
NCBI GeneID	7345
NCBI Accession #	NP_004172.2
NCBI GenBank Nucleotide #	NM_004181.4
UniProt Accession #	P09936; Q4W5K6; Q71UM0
Molecular Weight	24,824 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L1
NCBI Official Synonym Full Names	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
NCBI Official Symbol	UCHL1
NCBI Official Synonym Symbols	PARK5; PGP95; PGP9.5; Uch-L1; PGP 9.5
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase isozyme L1; ubiquitin thioesterase L1; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase isozyme L1
UniProt Gene Name	UCHL1
UniProt Synonym Gene Names	UCH-L1; PGP9.5
UniProt Entry Name	UCHL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.