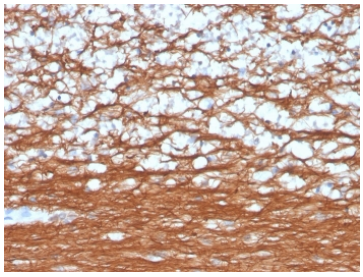
Recombinant PGP9.5 Antibody / UchL1 [clone rUCHL1/4557] (V8654)

Catalog No.	Formulation	Size
V8654-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8654-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8654SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

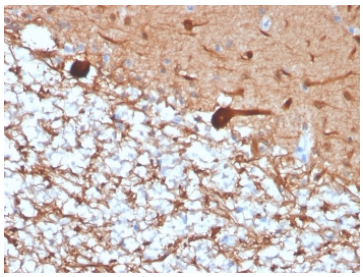
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2a, kappa
Clone Name	rUCHL1/4557
Purity	Protein G affinity chromatography
UniProt	P09936
Localization	Cytoplasmic, ER membrane
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This recombinant PGP9.5 antibody is available for research use only.



IHC staining of FFPE human cerebellum with recombinant PGP9.5 antibody (clone rUCHL1/4557). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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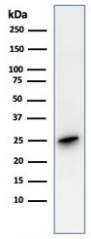
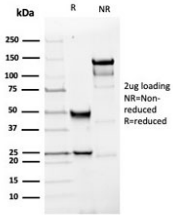
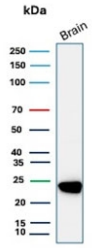


Western blot testing of human brain lysate with recombinant PGP9.5 antibody. Predicted molecular weight ~25 kDa.



SDS-PAGE analysis of purified, BSA-free recombinant PGP9.5 antibody (clone rUCHL1/4557) as confirmation of integrity and purity.



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Description

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 Parkinsons disease.

Application Notes

Optimal dilution of the recombinant PGP9.5 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the recombinant PGP9.5 antibody.

Storage

Store the recombinant PGP9.5 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).