

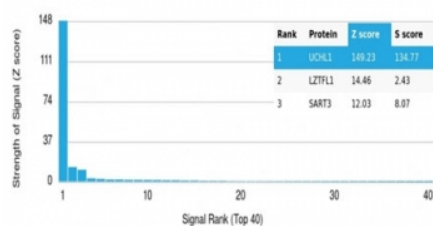
## PGP9.5 / UchL1 Antibody [clone UCHL1/4558] (V9290)

Catalog No.	Formulation	Size
V9290-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9290-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9290SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

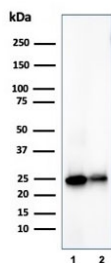
[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	UCHL1/4558
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P09936
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This PGP9.5 antibody is available for research use only.

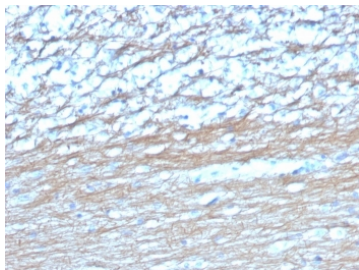
Human Protein Microarray Specificity Validation



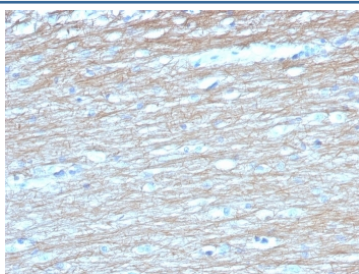
Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using PGP9.5 antibody (clone UCHL1/4558). These results demonstrate the foremost specificity of the UCHL1/4558 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



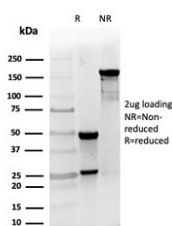
Western blot testing of human brain tissue and T98G cell lysates using PGP9.5 antibody (clone UCHL1/4558). Predicted molecular weight ~25 kDa.



IHC staining of FFPE human cerebellum tissue with PGP9.5 antibody (clone UCHL1/4558). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human cerebellum tissue with PGP9.5 antibody (clone UCHL1/4558). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free PGP9.5 antibody (clone UCHL1/4558) as confirmation of integrity and purity.

## Description

PGP9.5 / UchL1 is involved both in the processing of ubiquitin precursors and of ubiquitinated proteins.

## Application Notes

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

## Immunogen

KLH conjugated synthetic peptide selected from the 185-214 region of human UCHL1 was used as the immunogen for the PGP9.5 antibody.

## Storage

Aliquot the PGP9.5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

