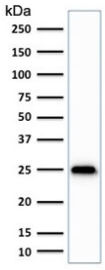
Anti-UchL1 Antibody [clone SPM575] (V9097)

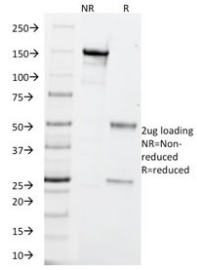
Catalog No.	Formulation	Size
V9097-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V9097-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V9097SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	SPM575
Purity	Protein G affinity chromatography
UniProt	P09936
Localization	Cytoplasmic. Endoplasmic Reticulum membrane
Applications	Western Blot : 1-2ug/ml
Limitations	This anti-UchL1 antibody is available for research use only.



Western blot testing of human brain lysate with anti-UchL1 antibody (clone SPM575). Predicted molecular weight ~25 kDa.



SDS-PAGE analysis of purified, BSA-free anti-UchL1 antibody (clone SPM575) as confirmation of integrity and purity.

Description

This mAb reacts with a protein of 20-30kDa, identified as PGP9.5, also known as ubiquitin carboxyl-terminal hydrolase-1 (UchL1). Initially, UchL1 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 UchL1 has been shown in a wide variety of mesenchymal neoplasms as well. A mutation in the gene is believed to cause a form of Parkinson's disease.

Application Notes

The optimal dilution of the anti-UchL1 antibody for each application should be determined by the researcher.

Immunogen

Native UchL1/PGP9.5 protein isolated from human brain was used as the immunogen for this anti-UchL1 antibody.

Storage

Store the anti-UchL1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com