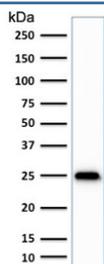


Anti-UchL1 Antibody [clone SPM575] (V9097)

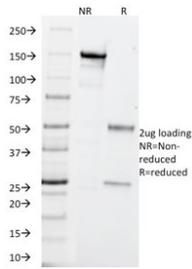
| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V9097-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V9097-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V9097SAF-100UG | 1 mg/ml in 1X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

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| 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 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).