9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-3343: Anti-PGP9.5 / UchL1 Monoclonal Antibody(Clone: SPM575)

Clonality :	Monoclonal
Clone Name :	SPM575
Application :	WB
Reactivity :	Human, Mouse, Rat
Gene :	UCHL1
Gene ID :	7345
Uniprot ID :	P09936
Alternative Name :	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
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Native UchL1 (PGP9.5) protein from brain

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 Parkinson's disease.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Western Blot (1-2ug/ml);

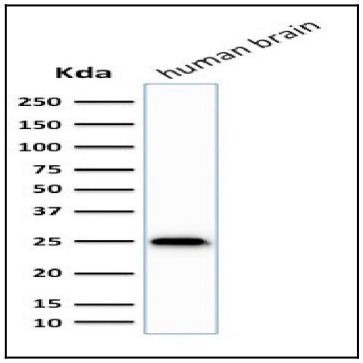

Fig. 1: Western Blot Analysis of human brain tissue lysate using PGP9.5 / UchL1 Mouse Monoclonal Antibody (SPM575)

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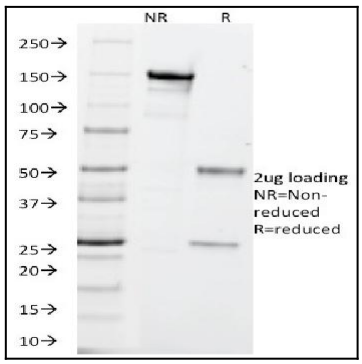

Fig. 2: SDS-PAGE Analysis Purified PGP9.5 / UchL1 Mouse Monoclonal Antibody (SPM575). Confirmation of Integrity and Purity of Antibody.