Anti-PGP9.5 Antibody [SPM575] - BSA and Azide free (A253452)

Specifications:

Name:	Anti-PGP9.5 Antibody [SPM575] - BSA and Azide free
Description:	Mouse monoclonal [SPM575] antibody to PGP9.5.
Specificity:	This antibody 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.
Applications:	WB
Recommended Dilutions:	WB: 1-2 µg/ml
Reactivity:	Bovine, Canine, Guinea Pig, Human, Mouse, Porcine, Rabbit, Rat, Sheep, Zebrafish
Immunogen:	Native PGP9.5 protein from brain.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	SPM575
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-PGP9.5 Antibody [SPM575] (A250272).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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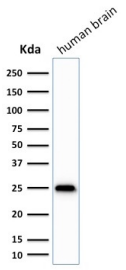
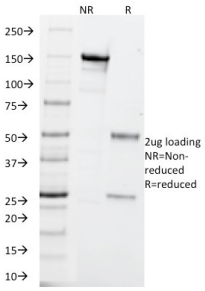
Images:



Western blot analysis of human brain tissue lysate using Anti-PGP9.5 Antibody [SPM575].



SDS-PAGE analysis of Anti-PGP9.5 Antibody [SPM575] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.