

Anti-PGP9.5 Antibody [31A3] (A250269)

Specifications:

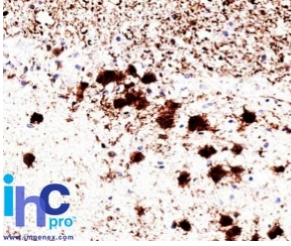
Name:	Anti-PGP9.5 Antibody [31A3]
Description:	Mouse monoclonal [31A3] antibody to PGP9.5.
Specificity:	This antibody reacts with a protein of 20-30kDa, identified as PGP9.5, also known as ubiquitin carboxyl-terminal hydrolase-1 (UchL1). Initially, PGP9.5 expression in normal tissues was reported in 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:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Mouse, Rat, Bovine, Porcine
Immunogen:	Native PGP9.5 protein from brain.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	31A3
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
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 without BSA and Sodium Azide - Anti-PGP9.5 Antibody [31A3] - BSA and Azide free (A253449).

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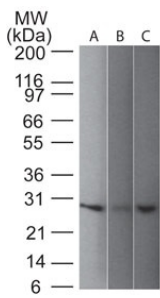
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

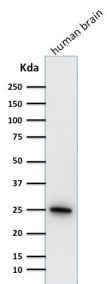
Images:



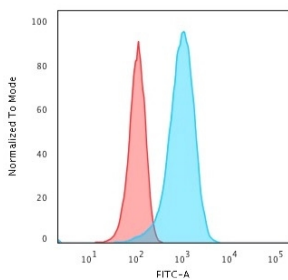
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain using Anti-PGP9.5 Antibody [31A3].



Western blot analysis of (Lane 1) human, (Lane 2) mouse, and (Lane 3) rat brain lysates using Anti-PGP9.5 Antibody [31A3].



Western blot analysis of human brain tissue lysate using Anti-PGP9.5 Antibody [31A3].



Flow cytometric analysis of T98G cells using Anti-PGP9.5 Antibody [31A3] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).