

PGP9.5 / UchL1 (Clone ZM160) Mouse Polyclonal Antibody

Specificity: Human and Rat. Others-not known

Immunogen: Recombinant human UCHL1 protein

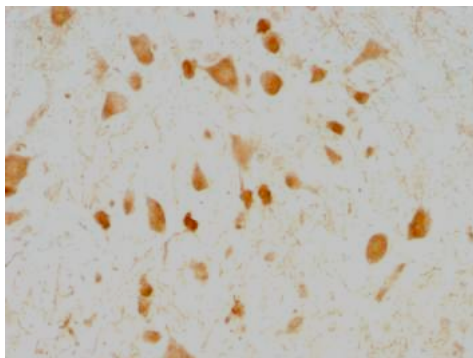
Ig Class: IgG1/k

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200; *Positive Control:* Nerve tissue, small intestinal wall (Cajal cells). *Cellular localization:* Cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

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.

Supplied As: Tissue culture supernatant with 0.2% BSA and 15mM sodium azide.



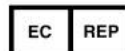
Formalin-fixed and paraffin-embedded human cerebellum stained with anti-PGP 9.5 antibody using peroxidase-conjugate and DAB chromogen. Note the cytoplasmic staining of neurons

Cat. #Z2473 (1.0 ml)

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