

PGP 9.5 (AB1578) mouse mAb

W0389

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 25 kDa (calculated)
- 25 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1578

Immunogen A synthetic peptide corresponding to the amino acid region 100 - 223 of the human PGP 9. 5 protein.

Specificity The antibody can specifically recognize human PGP 9. 5 protein. In western blotting of Jurkat cell lysate, the antibody can label a 25 kDa band corresponding to PGP 9. 5.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name UCHL1

Protein Name PGP 9. 5

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P09936	7345

Background The molecular weight of PGP 9. 5 protein is 27 kDa. It is highly expressed in normal neurons, widely distributed in neurons, nerve fibers and neuroendocrine cells of central and peripheral nervous system, and also expressed in renal tubules, Leydig cells, testicular spermatogonia, eggs and some cells in pregnant and non pregnant corpus luteum. It is often used in combination with Syn, CgA, CD56 and NSE for the study of neuroendocrine cells and their derived tumors.