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PGP 9.5 (AB1578) mouse mAb

V0110

Key Features

Host Species
- Mouse

Reactivity
- Human; Mouse; Rat;

Applications
- Immunohistochemistry (IHC)

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

Isotype
- IgG1, kappa

Recommended Dilution Ratios

Application	Dilution
Immunohistochemistry (IHC)	IHC, 1:200-1:400

Storage

Storage Conditions	Store at-20℃. 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.
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 27kDa. 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.