

bsm-51558M**[Primary Antibody]****UCHL1/PGP9.5 Mouse mAb****BioSS**
ANTIBODIES

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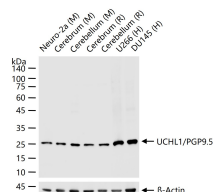
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— DATASHEET —

Host: Mouse	Isotype: IgG1	Applications: WB (1:500-1000)
Clonality: Monoclonal	CloneNo.: T2F5	Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Monkey, Xenopus)
GeneID: 7345	SWISS: P09936	Predicted MW.: 25 kDa
Target: UCHL1/PGP9.5		Observed MW.: 25 kDa
Immunogen: KLH conjugated synthetic peptide derived from human UCHL1/PGP9.5: 151-223/223.		Subcellular Location: Cell membrane ,Cytoplasm
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: catalyzes the hydrolysis of ubiquitin carboxy-terminal thiolesters to form ubiquitin and a thiol; may play a role in neuropathic pain [RGD]. Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with UCHL1/PGP9.5 monoclonal antibody, unconjugated (bsm-51558M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=1.1]** Alkotami Ahmed S.. et al. Diabetic small fiber neuropathy: clinical and electrophysiological study. EGYPT J NEUROL PSYCH. 2024 Dec;60(1):1-16 IHC ;Human. 10.1186/s41983-024-00923-8