

bsm-41257R

[Primary Antibody]

PGP9.5 Recombinant Rabbit mAb

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ANTIBODIES

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DATASHEET

Host: Rabbit

Clonality: Recombinant

GeneID: 7345

Target: PGP9.5

Purification: affinity purified by Protein A

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 thioesters 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.

Isotype: IgG

CloneNo.: 18C19

SWISS: P09936

Applications: WB (1:1000-5000)

IHC-P (1:200-800)

IHC-F (1:200-800)

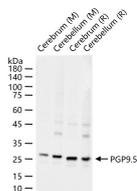
IF (1:200-800)

Reactivity: Human, Mouse, Rat

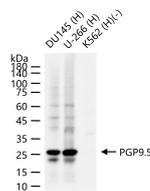
Predicted MW.: 25 kDa

Subcellular Location: Cell membrane ,Cytoplasm

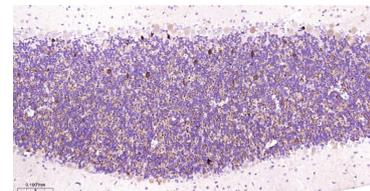
VALIDATION IMAGES



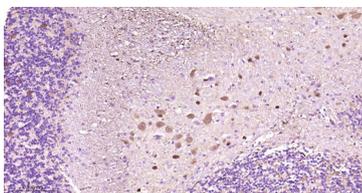
25 ug total protein per lane of various lysates (see on figure) probed with PGP9.5 monoclonal antibody, unconjugated (bsm-41257R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



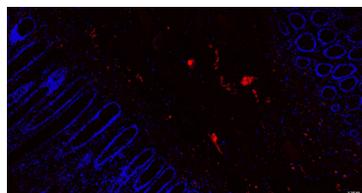
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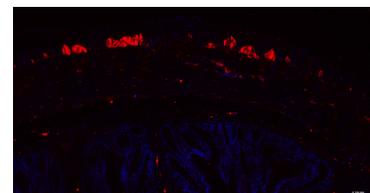
Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PGP9.5 Monoclonal Antibody, Unconjugated(bsm-41257R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PGP9.5 Monoclonal Antibody, Unconjugated(bsm-41257R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with PGP9.5 Monoclonal Antibody, Unconjugated (bsm-41257R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with PGP9.5 Monoclonal Antibody, Unconjugated (bsm-41257R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.