

bsm-41257M

[Primary Antibody]

PGP9.5 Mouse mAb

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ANTIBODIES

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DATASHEET

Host: Mouse

Clonality: Monoclonal

CloneNo.: 7E9

Target: PGP9.5

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Size : 50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Store at -20°C for one year.

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.

Applications: WB (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

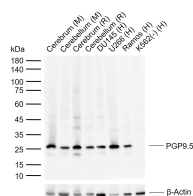
Reactivity: Human, Mouse, Rat

Predicted MW.: 25 kDa

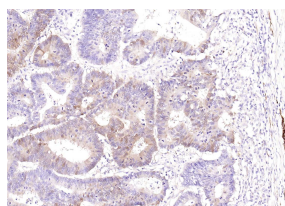
Observed MW.: 26 kDa

Subcellular Location: Cell membrane ,Cytoplasm

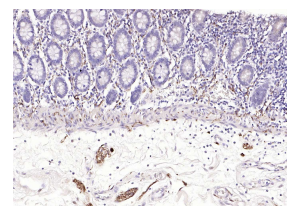
VALIDATION IMAGES



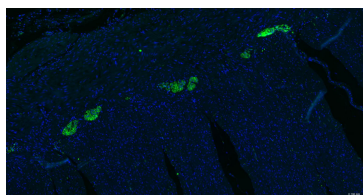
Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Cerebellum tissue lysates Lane 3:
Rat Cerebrum tissue lysates Lane 4: Rat
Cerebellum tissue lysates Lane 5: Human DU145
cell lysates Lane 6: Human U266 cell lysates Lane
7: Human Ramos cell lysates Lane 8: Human
K562 cell lysates (negative control) Primary:
Anti-PGP9.5 (bsm-41257M) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at
1/20000 dilution Predicted band size: 25 kDa
Observed band size: 26 kDa



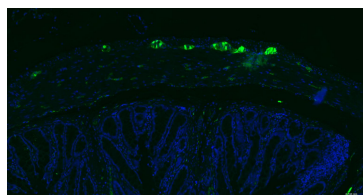
Paraformaldehyde-fixed, paraffin embedded
(human colon carcinoma); Antigen retrieval by
boiling in sodium citrate buffer (pH6.0) for
15min; Block endogenous peroxidase by 3%
hydrogen peroxide for 20 minutes; Blocking
buffer (normal goat serum) at 37°C for 30min;
Incubation with (PGP9.5) Monoclonal Antibody,
Unconjugated (bsm-41257M) at 1:200 overnight
at 4°C, followed by operating according to SP
Kit(Mouse)(sp-0024) instructions and DAB
staining.



Paraformaldehyde-fixed, paraffin embedded
(human colon); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Incubation with
(PGP9.5) Monoclonal Antibody, Unconjugated
(bsm-41257M) at 1:200 overnight at 4°C,
followed by operating according to SP
Kit(Mouse)(sp-0024) instructions and DAB
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-41257M) at 1:200
overnight at 4°C. Followed by conjugated Goat
Anti-Mouse IgG antibody (Green, bs-0296G-
BF488), DAPI (blue, C02-04002) was used to stain



Paraformaldehyde-fixed, paraffin embedded
Mouse 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-41257M) at 1:200
overnight at 4°C. Followed by conjugated Goat
Anti-Mouse IgG antibody (Green, bs-0296G-
BF488), DAPI (blue, C02-04002) was used to stain

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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