

bsm-62863R**[Primary Antibody]**

phospho-MAP2 (Ser136) Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 19F17**GeneID:** 4133**SWISS:** P11137**Target:** MAP2 (Ser136)**Immunogen:** A synthesized peptide derived from human MAP2 around the phosphorylation site of S136: NLPP-pS-PPP(全长1827aa).**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.**Applications:** IHC-P (1:100-200)

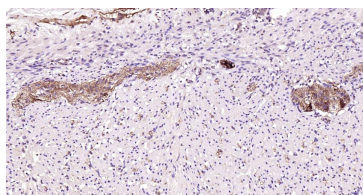
IHC-F (1:100-200)

IF (1:50-200)

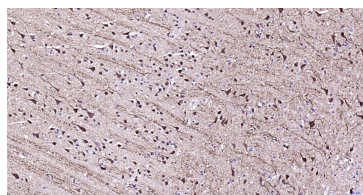
ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat**Predicted MW.:** 200 kDa**Observed MW.:** 70,280 kDa**Subcellular Location:** Cytoplasm ,Nucleus

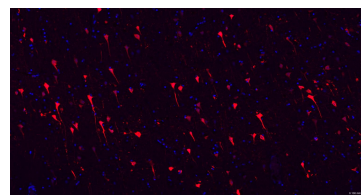
VALIDATION IMAGES



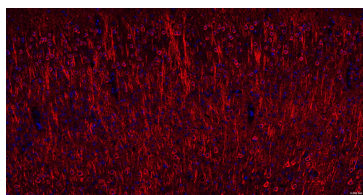
Paraformaldehyde-fixed, paraffin embedded Human colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-MAP2 (Ser136) Monoclonal Antibody, Unconjugated (bsm-62863R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Brain; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-MAP2 (Ser136) Monoclonal Antibody, Unconjugated (bsm-62863R) 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 Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-MAP2 (Ser136) Monoclonal Antibody, Unconjugated (bsm-62863R) 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 Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-MAP2 (Ser136) Monoclonal Antibody, Unconjugated (bsm-62863R) 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.