

bsm-41804M**[Primary Antibody]****Tau-4 Mouse mAb****Bioss**
ANTIBODIES

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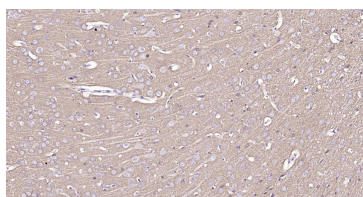
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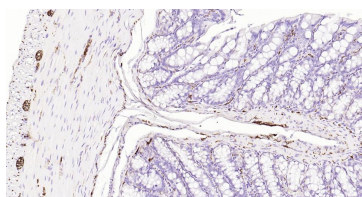
400-901-9800

— DATASHEET —

Host: Mouse	Isotype: IgG2a	Applications: IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000) Reactivity: Human, Mouse, Rat Predicted MW.: 46/79 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Monoclonal	CloneNo.: 1A8	
GenelD: 4137	SWISS: P10636	
Target: Tau-4		
Immunogen: Recombinant human Tau-F protein: 1-441/441.		
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 Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.		
Background: Tau proteins are important Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization. Tau proteins subcellular located in the axons of neurons, in the cytosol and in association with plasma membrane components. It expressed in neurons. PNS-tau is expressed in the peripheral nervous system while the others are expressed in the central nervous system.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated(bsm-41804M) at 1:800 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated(bsm-41804M) at 1:600 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.