

Anti-MAPT/Tau Antibody (90262)

Product Details

Ig Type:	IgG2a
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 46/79 kDa.
Clone:	90262
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Human Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Left Parietal Lobe; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
8. (Negative control) Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
9. Paraformaldehyde-fixed, paraffin embedded Mouse Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1:800 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.

10. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 600 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.

11. (Negative control) paraformaldehyde-fixed, paraffin embedded Mouse Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 600 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.

12. Paraformaldehyde-fixed, paraffin embedded Rat Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1:800 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.

13. 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 (TMAB-08599) at 1: 600 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.

14. 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 (TMAB-08599) at 1:800 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.

15. (Negative control) paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Tau-4 Monoclonal Antibody, Unconjugated (TMAB-08599) at 1: 600 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.

Application: IHC-P,IHC-Fr,IF

Recommended IHC-P: 1:200-1000; IHC-Fr: 1:200-1000; IF: 1:200-1000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human Tau-F protein

Antigen Species: Human

Gene ID: 4137

Uniprot ID: P10636-8

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481