

Anti-NEFM Antibody (2I590)

Product Details

Ig Type:	IgG1
Reactivity:	Mouse,Rat,Human
Molecular Weight:	Theoretical: 96 kDa. Actual: 170 kDa.
Clone:	2I590
Purification:	Affinity Purification

Applications

Verified Activity:

1. 25 µg total protein per lane of various lysates (see on figure) probed with NEFM monoclonal antibody, unconjugated (TMAB-09339) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
2. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
9. (Negative control) Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody, Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NEFM Monoclonal Antibody,

A DRUG SCREENING EXPERT

Unconjugated (TMAB-09339) at 1: 200 overnight at 4°C, followed by conjugation to the bs-0296G-HRP and DAB staining and DAB staining.

Application: WB,IHC-P,IF,IHC-Fr

Recommended WB: 1: 500- 2000; IHC-P: 1: 200-500; IF: 1: 200-500; IHC-Fr: 1: 200-500

Properties

Stability & Storage: 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: Mouse NF-M protein

Antigen Species: Mouse

Gene ID: 18040

Uniprot ID: P08553

Research Background

Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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