

Anti-JNK1/3 Antibody (2M595)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 48,53 kDa. Actual: 45-50 kDa.
Clone:	2M595
Purification:	Protein A purified

Applications

Verified Activity:

1. 25 µg total protein per lane of various lysates (see on figure) probed with JNK1/3 monoclonal antibody, unconjugated (TMAB-07881) 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 brain; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Rat spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Mouse spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Brain; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Human kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
9. Paraformaldehyde-fixed, paraffin embedded Human Cervical cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with JNK1/3 Monoclonal Antibody, Unconjugated (TMAB-07881) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.

A DRUG SCREENING EXPERT

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

Recommended WB: 1:500-2000; IP: 1:20-50; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

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: A synthesized peptide: human JNK1

Antigen Species: Human

Gene ID: 5599

Uniprot ID: P45983

Research Background

Serine/threonine-protein kinase involved in various processes such as cell proliferation, differentiation, migration, transformation and programmed cell death. Extracellular stimuli such as pro-inflammatory cytokines or physical stress stimulate the stress-activated protein kinase/c-Jun N-terminal kinase (SAP/JNK) signaling pathway.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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