
MAPK10 (10E1) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252772

Unit: 0.1 ml

Description:

MAPK10 (c-Jun N-terminal kinase 1 JNK1) responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as JUN, JDP2 and ATF2. This regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells. JNK1 phosphorylates heat shock factor protein 4 (HSF4).

Isotype: Mouse IgG1

Applications: WB, IF

Species Reactivity: H, M

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: JNK1; JNK3; Mitogen-activated protein kinase 8; Stress-activated protein kinase JNK1; c-Jun amino-terminal kinase 1; c-Jun N-terminal kinase 1; JNK-46; MAPK8; Mitogen-activated protein kinase 10; Stress-activated protein kinase JNK3; c-Jun N-terminal kinase 3; MAP kinase p49 3F12; MAPK10; JNK3A; PRKM10

Accession No.: P45983, P53779

Antigen: Purified recombinant fragment of human MAPK10 (aa28-233) expressed in E. coli.

Application Notes: WB: 1:500-1:2000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.