
MAP2K4 (2D10) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252676

Unit: 0.1 ml

Description:

MAP2K4 (Mitogen-activated protein kinase kinase 4) is a 399-amino acid protein (~45 kDa), belongs to the family of protein kinases located upstream of the MAP kinases and responsible for their activation has been identified. MEK-4 (also called MEK4/MKK4) activates both p38 and JNK MAP kinases. MKK4 is a central mediator in the stress activated protein kinase signaling pathway that responds to a number of cellular and environmental stressors. By phosphorylating MAP kinases such as JNK, MKK4 can ultimately transmit stress signals to nuclear transcription factors that mediate various processes including proliferation, apoptosis, and differentiation. Its distinct biological functions have been identified for MKK4 including a role in development, hepatogenesis and metastasis suppression.

Isotype: Mouse Ig M

Applications: IHC

Species Reactivity: H

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

Alternate Names: Dual specificity mitogen-activated protein kinase kinase 4; MAP kinase kinase 4; MAPKK 4; JNK-activating kinase 1; MAPK/ERK kinase 4; MEK 4; SAPK/ERK kinase 1; SEK1; Stress-activated protein kinase kinase 1; SAPK kinase 1; SAPKK-1; SAPKK1; c-Jun N-terminal kinase kinase 1; JNKK; JNKK1; MEK4; MKK4; PRKMK4; SEK1; SERK1; SKK1; MAP2K4

Accession No.: P45985

Antigen: Purified recombinant fragment of MAP2K4 expressed in *E. coli*.

Application Notes: IHC: 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.