

Product Name: MAP3K7 Mouse Monoclonal Antibody
Catalog #: AMM81452



Summary

Production Name	MAP3K7 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer.
Purification	Affinity Purification

Immunogen

Gene Name	MAP3K7
Alternative Names	TAK1; MEKK7; TGF1a
Gene ID	6885.0
SwissProt ID	O43318. Purified recombinant fragment of human MAP3K7 (AA: 471-579) expressed in E. Coli.

Application

Dilution Ratio	ELISA:1:10000
Molecular Weight	67.2kDa

Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the

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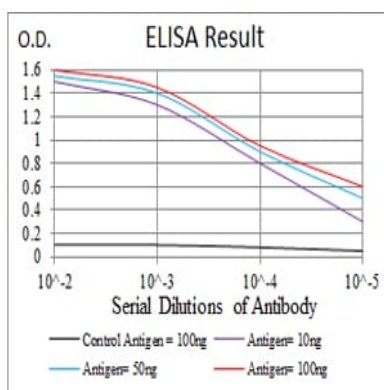


signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Research Area

Apoptosis, TGF-beta signaling pathway, MAPK signaling pathway

Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Note

For research use only.