BT LAB
Bioassay Technology Laboratory
Optimize Your Research

MEK-6 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0878
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human MEK-6 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB, IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	Dual specificity mitogen-activated protein kinase kinase 6
Synonyms	MAP2K6; MEK6; MKK6; PRKMK6; SKK3; Dual specificity mitogen-activated protein kinase kinase 6; MAP kinase kinase 6; MAPKK 6; MAPK; ERK kinase 6; MEK 6; Stress-activated protein kinase kinase 3; SAPK kinase 3; SAPKK-3; SAPKK3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.

Recommended Dilution

ELISA: 1:10000

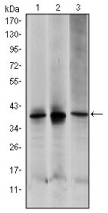
FC: 1:200 - 1:400

IF: 1:200 - 1:1000

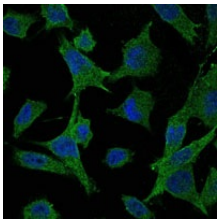
WB: 1:500 - 1:2000

Not yet tested in other applications.

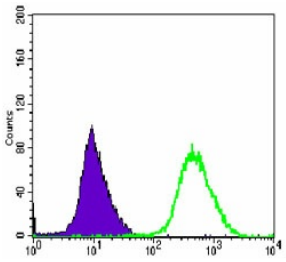
Images



Western Blot analysis using MEK-6 Monoclonal antibody against HepG2 (1) MCF-7 (2) and NIH/3T3 (3) cell lysate.



Immunofluorescence analysis of Hela cells using MEK-6 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Hela cells using MEK-6 Monoclonal antibody (green) and negative control (purple).

Storage

-20°C for one year

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