Recombinant Phospho-MAPKAPK-2 (Thr334) Monoclonal Antibody

catalog number: AN300153L

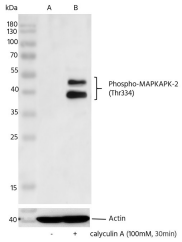
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide corresponding to the residues around (Thr334) of Human Phospho-MAPKAPK-2
Host	Rabbit
Isotype	IgG
Clone	A1267
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol, pH 7.5

Applications	Recommended Dilution
WB	1:500-1:2000

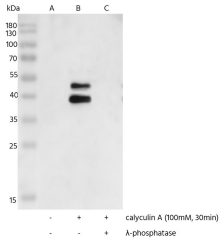
Data



Western blot analysis of extracts from serum-starved A431, untreated(line A) or treated with calyculin A (100mM, 30min; +)(line B), using Phospho-MAPKAPK-2 (Thr334) Monoclonal Antibody at 1:200 dilution (upper) or Anti-Actin Antibody, Chimeric Rabbit Monoclonal at 1:50000 dilution (lower).

Observed-MW:45 kDa;40 kDa

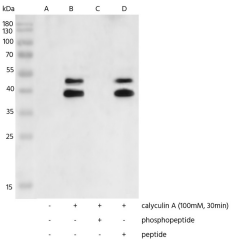
Calculated-MW:45 kDa



Western blot analysis of extracts from serum-starved A431, untreated (line A); treated with calyculin A (100mM, 30min; +) (line B); treated with calyculin A and λ-phosphatase (Cat: L01-20U) (line C) using Phospho-MAPKAPK-2 (Thr334) Monoclonal Antibody at 1:200 dilution.

Observed-MW:45 kDa;40 kDa

Calculated-MW:45 kDa



Western blot analysis of extracts from serum-starved A431, untreated (line A); treated with calyculin A (100mM, 30min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-MAPKAPK-2 (Thr334) Monoclonal Antibody at 1:200 dilution.

Observed-MW:45 kDa;40 kDa

Calculated-MW:45 kDa

Preparation & Storage

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP24 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene.

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