

[Primary Antibody]

MEKK3 Recombinant Rabbit mAb



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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 5C1

GeneID: 4215

SWISS: 099759

Target: MEKK3

Immunogen: A synthesized peptide derived from human MEKK3: 1-47/626.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Applications: WB (1:500-2000)

Flow-Cyt (1:50-100)

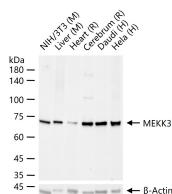
ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW.: 71 kDa

Subcellular Location: Cytoplasm

— VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with MEKK3 monoclonal antibody, unconjugated (bsm-52709R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.