

bsm-60662R**[Primary Antibody]****BioSS**
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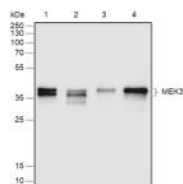
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MEK3 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-1000) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 39 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: R3D6	
GeneID: 5606	SWISS: P46734	
Target: MEK3		
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: The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersinia pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene. [provided by RefSeq].		

— VALIDATION IMAGES —

Blocking buffer: 5% NFDM/TBST Primary Ab
dilution: 1:1000 Primary Ab incubation
condition: 2 hours at room temperature
Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
Lysate: 1: HeLa, 2: HepG2, 3: C6, 4: NIH/3T3
Protein loading quantity: 20 µg Exposure time:
30 s Predicted MW: 39 kDa Observed MW: 36, 39
kDa