bsm-52177R **[Primary Antibody]**

phospho-MEK1 (Thr292) Recombinant Rabbit mAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 3F10
GeneID: 407835
SWISS: P36507
Target: MEK1 (Thr292)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human MEK1 around the phosphorylation site of Thr292: PR(p-T)PG.
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 known to play a critical role in mitogen growth factor signal transduction. It phosphorylates and thus activates MAPK1/ERK2 and MAPK2/ERK3. The activation of this kinase itself is dependent on the Ser/Thr phosphorylation by MAP kinase kinase kinases. Mutations in this gene cause cardiofaciocutaneous syndrome (CFC syndrome), a disease characterized by heart defects, mental retardation, and distinctive facial features similar to those found in Noonan syndrome. The inhibition or degradation of this kinase is also found to be involved in the pathogenesis of Yersinia and anthrax. A pseudogene, which is located on chromosome 7, has been identified for this gene. [provided by RefSeq, Jul 2008].

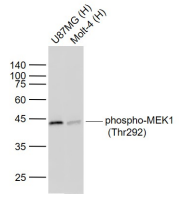
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:50-200)
IF (1:50-200)
ICC/IF (1:50-200)

Reactivity: Human

Predicted MW.: 43 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: U87MG (Human) Cell Lysate at 30 ug Lane 2: Molt-4 (Human) Cell Lysate at 30 ug Primary: Anti-phospho-MEK1 (Thr292) (bsm-52177R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 43 kD