bsm-51757M **[Primary Antibody]**

FGF4 Mouse mAb

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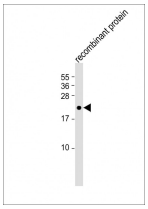
DATASHEET

Host: Mouse
Isotype: IgG1, k
Clonality: Monoclonal
CloneNo.: M8F12
GeneID: 2249
SWISS: P08620
Target: FGF4
Immunogen: KLH conjugated synthetic peptide derived from human FGF4: 41-200/206.
Purification: affinity purified by Protein G
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 member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway. [provided by RefSeq].

Applications: **WB** (1:500-2000)
Reactivity: Recombinant protein (predicted: Human, Mouse, Hamster)
Predicted MW.: 19 kDa
Subcellular Location: Secreted

VALIDATION IMAGES



Sample: Lane 1: FGF4 recombinant protein Primary: Anti-FGF4 (bsm-51757M) at 1/4000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 19 kD Observed band size: 22 kD