

bsm-2235M**[Primary Antibody]****FGF2 Mouse mAb****BioSS**
ANTIBODIES

www.bioss.com.cn

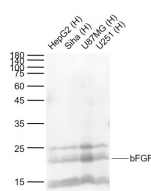
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

DATASHEET

Host: Mouse Clonality: Monoclonal GeneID: 2247 Target: FGF2 Immunogen: KLH conjugated synthetic peptide derived from human bFGF: 143-288/288. Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS 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 bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF. [provided by RefSeq, Jul 2008].	Isotype: IgG CloneNo.: 7C4 SWISS: P09038	Applications: WB (1:500-2000) Reactivity: Human Predicted MW.: 18/32 kDa Subcellular Location: Secreted ,Nucleus
--	---	---

VALIDATION IMAGES

Sample: Lane 1: HepG2 (Human) Cell Lysate at 30 ug
Lane 2: Siha (Human) Cell Lysate at 30 ug
Lane 3: U87MG (Human) Cell Lysate at 30 ug
Lane 4: U251 (Human) Cell Lysate at 30 ug
Primary: Anti-bFGF (bsm-2235M) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 22/18 kD
Observed band size: 22 kD