

---

## FGF2 Mouse mAb

Catalog Number: bsm-2235M

Target Protein: FGF2

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 7C4

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 18/32 kDa

Entrez Gene: 2247

Swiss Prot: P09038

Source: KLH conjugated synthetic peptide derived from human bFGF: 143-288/288.

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Size : 200ug (PBS only)

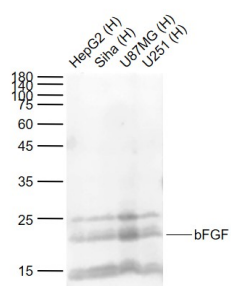
0.01M PBS

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].

## 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