

## Recombinant bFGF/FGF2 Monoclonal Antibody

catalog number: **AN300097P**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

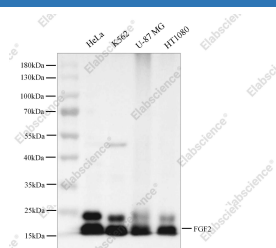
|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse                                                            |
| <b>Immunogen</b>    | A synthetic peptide corresponding to the N-terminus of the Human bFGF. |
| <b>Host</b>         | Rabbit                                                                 |
| <b>Isotype</b>      | Rabbit IgG                                                             |
| <b>Clone</b>        | C270073                                                                |
| <b>Purification</b> | Protein A                                                              |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS                                        |

### Applications

### Recommended Dilution

**WB:** 1:1000; ICC/IF: 1:200-1:500; FC: 1:200-1:500; IP: 1:20-1:50

### Data



Western blot analysis of HeLa,K-562,U-87 MG and HT1080 cell lysates using bFGF/FGF2 Antibody (AN300097P) at a dilution of 1:1000.

**Observed-MW:19 kDa**

**Calculated-MW:31 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### 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]

### For Research Use Only

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