



## PRODUCT DATA SHEET

**Product:** Anti-FGF-2/bFGF (Neutralizing), Clone bFM-1

**Cat. No:** MC-826 (10 mg)

**Specificity:**

Recognizes basic FGF. Does not recognize acidic FGF.

**Species Reactivity:**

Human, murine, rat and bovine, others not tested.

**Ig Isotype:** IgG1/kappa

**Immunogen:**

Purified bovine basic FGF

**Format:**

Purified antibody in PBS. Purified by DEAE chromatography, ammonium sulfate precipitation, and gel filtration.

**Storage and Stability:**

Store at 4°C short term, -20°C long term. Aliquot to avoid cycles of freeze/thaw. Stable for 2 years if frozen at -20°C.

**Applications and Suggested Dilutions:**

- RIA: 1 µg/ml
- Neutralization: Recommended. 0.3 µg/ml will inhibit 50% of the stimulatory effect of 1 ng bFGF on bovine capillary endothelial cells. (Ref. 3)

The optimal dilution for a specific application should be determined by the researcher.

**References:**

1. Matsuzaki et al. (1989) Proc. Natl. Acad. Sci. USA 86:9911.
2. Fontaine, V. et al. (1998) Survival of Purified Rat Photoreceptors In Vitro Is Stimulated Directly by Fibroblast Growth Factor-2. J. Neurosci. 18: 9662-9672.
3. Reich-Slotky, R. et al. (1995) Chimeric Molecules between Keratinocyte Growth Factor and Basic Fibroblast Growth Factor Define Domains That Confer Receptor Binding Specificities. J. Biol. Chem. 270: 29813-29818

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.