



PRODUCT DATA SHEET

Product: Anti-FGF-2/bFGF, Clone bFM-2

Cat. No: MC-827 (10 mg)

Specificity:

Recognizes bFGF. Does not recognize acidic FGF

Species Reactivity:

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

Ig Isotype: IgG1/ κ

Immunogen:

Purified bovine bFGF

Format:

Purified antibody in Tris-glycine. Purified using 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:

- Immunohistochemistry: 10 ug/ml (References 3, 4, 5, 6)
- Neutralization: NOT RECOMMENDED. Use Cat. No. MC-826.
- RIA: Use 1 ug/ml
- Western blot: Use 1 ug/ml (Ref. 5)

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. Fu et al. (1991) J. Cell Biol. 114:1261.
3. Uteza, Y. et al. (1999) Intravitreal transplantation of encapsulated fibroblasts secreting the human fibroblast growth factor 2 delays photoreceptor cell degeneration in Royal College of Surgeons rats. Proc. Natl. Acad. Sci. USA 96: 2846-2851.

4. Flores, C. et al. (1998) Long-Lasting Induction of Astrocytic Basic Fibroblast Growth Factor by Repeated Injections of Amphetamine: Blockade by Concurrent Treatment with a Glutamate Antagonist. J. Neurosci.18: 9547-9555.
5. Samathanam, C.A. et al. (1998) Fibroblast Growth Factors 1 and 2 in the Primate Uterus. Biol. Reprod. 59: 491-496.
6. Gupta, A. et al. (1997) Immunolocalization of acidic and basic fibroblast growth factors in porcine uterine and conceptus tissues. Biol. Reprod.56: 1527-1536

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.