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Mouse Anti-Human bFGF Monoclonal Antibody Datasheet

Product Name: mAb anti-Human bFGF

Clone No.: F-474

Catalogue No.: MO-C40046F

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human fibroblast growth factor basic (bFGF)

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human bFGF

Immunogen: Purified recombinant human bFGF

Fusion Myeloma: Sp2/0-Ag14

Species Reactivity: Human, others not tested

Host / Isotype: Mouse, IgG2a, Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2.

Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Cytokine, growth Factor

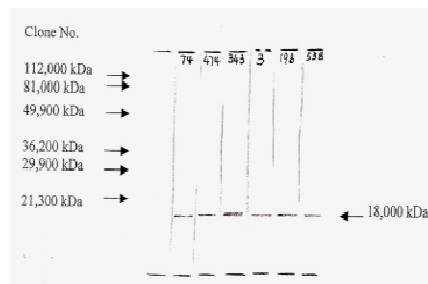
Background: Basic fibroblast growth factor (bFGF) is a pluripotent growth factor. Like other members in the large FGF family, bFGF can binds to different isoforms of FGF receptor. bFGF and it receptor forms a complex with heparin sulfate proteoglycans in

extracellular matrix to trigger signaling transduction. In addition to cell growth and differentiation in normal development, the cytokine is important for wound healing, tumor development and embryonic stem cell growth.

Applications: **ELISA:** The antibody is reactive to recombinant bFGF.

Western Blot:

Figure: Western blot analysis of recombinant human bFGF using anti-human bFGF monoclonal antibodies. From left to right: MWM, clone F-74, F-474, F-343, F-3, F-198 and F-538.



References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

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