

Mouse Monoclonal Antibody to FGF2

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| Catalogue Number | sAP-0048 |
| Target Molecule | Name: FGF2 Aliases: BFGF; FGFB; HBGF-2; FGF2 MW: N/A Entrez Gene ID: 2247 |
| Description | FGF2 is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. FGF2 is a single-chain polypeptide growth factor that plays a significant role in the process of wound healing and is a potent inducer of angiogenesis. Due to its basic pH, the factor is named FGF-2 (basic FGF, bFGF). Several different forms of the human protein exist ranging from 18-24 kDa in size due to the use of alternative start sites within the fgf-2 gene. It has a 55 percent amino acid residue identity to FIBROBLAST GROWTH FACTOR 1 and has potent heparin-binding activity. The growth factor is an extremely potent inducer of DNA synthesis in a variety of cell types from mesoderm and neuroectoderm lineages. It was originally named basic fibroblast growth factor based upon its chemical |
| Immunogen | Purified recombinant fragment of FGF2 expressed in E. Coli. |
| Reactive Species | Human |
| Clone | MM2H5G2C11; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1. Romanov VV et.al Oncogene. 2005,Oct 13; 24(45) : 6855-60. ; 2. Webber CA et.al Mol Cell Neurosci. 2005, Sep; 30 (1):37-47. ; |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**