

FGF2 monoclonal antibody

Catalog: MB21062

Host: Mouse

Reactivity: Human

BackGround:

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 properties and to distinguish it from acidic fibroblast growth factor (FIBROBLAST GROWTH FACTOR 1).

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:**Swiss-Prot:**

P09038

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

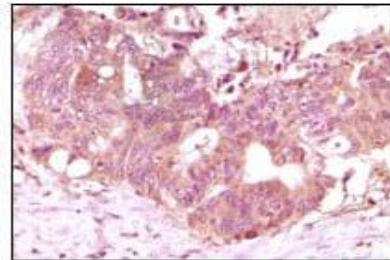
IHC:1/200 - 1/1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:

Immunohistochemical analysis of paraffin-embedded human rectum adenocarcinoma tissue showing cytoplasmic localization using FGF2 mouse mAb with DAB staining.

Note:

For research use only, not for use in diagnostic procedure.

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