

DATASHEET

Version: 2016-08-17

FGF-basic Antibody (3B10F9), mAb, Mouse

Cat. No.: A01718-100

Size: 100 µg

Synonyms: Basic fibroblast growth factor antibody;

Description:

FGF basic (FGF2) is a member of the fibroblast growth factor (FGF) family. It is involved in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. They are angiogenic agents in vivo and are potent mitogens for a variety of cell types in vitro. There are differences in the tissue distribution and concentration of these 2 growth factors.

GenScript FGF-basic Antibody (3B10F9), mAb, Mouse is produced from the hybridoma resulting from fusion of SP2/0-Ag14 myeloma and B-lymphocytes obtained from mouse immunized with human recombinant FGF-basic protein (Swiss-Prot: P09038).

Immunogen: human recombinant FGF-basic protein (Swiss-Prot: P09038).

Host: Mouse

Antigen Synonyms: Human

Conjugation: Unconjugated

Fusion Partner:

Spleen cells were fused with SP2/0-Ag14 mouse myeloma cells.

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.

Clone: 3B10F9

Ig Subclass: IgG2a,k

Specificity: **GenScript FGF-basic Antibody (3B10F9), mAb, Mouse** detects human FGF-basic protein and does not react with the other human cytokines such as FGF-6, FGF-16, FGF-17 and FGF-acidic.

Purification: Protein A affinity column

Species Reactivity: Human. Reactivity to other species is not tested yet.

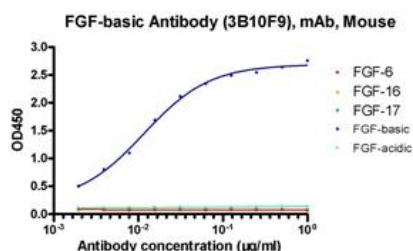
Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Example



Cross reactivity analysis of FGF-basic Antibody (3B10F9), mAb, Mouse (GenScript, A01718) with FGF-6, FGF-16, FGF-17, FGF-basic and FGF-acidic