Anti-Human FGF-basic Antibody
Catalog # ABG10116

Specification

Anti-Human FGF-basic Antibody - Product Information

Application	**WB, IHC, E**
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**

Anti-Human FGF-basic Antibody - Additional Information

Preparation
Produced in BALB/c x ICR F_1 mice using highly pure recombinant human FGF-basic as the immunizing antigen. This $IgG1_K$ antibody was purified from ascites fluid by Protein A affinity chromatography.

WesternBlot
To detect Human FGF-basic by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human FGF-basic is 1.0-2.0 ng/lane, under non-reducing conditions.

Sandwich
In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 1000 pg/ml of recombinant human FGF-basic when used with BioGems' biotinylated antigen affinity purified anti-human FGF-basic (60-133BT) as the detection antibody at a concentration of approximately 0.125-0.25 µg/ml.

Immunohistochemistry
This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentrations are 0.25-0.50 µg/ml overnight at 4˚C. An HRP-labeled polymer detection system was used with DAB chromogen. Heat induced antigen retrieval was performed with a pH 6.0 Sodium Citrate buffer. Optimal concentrations and conditions may vary. Tissue samples were provided by the Cooperative Human Tissue Network which is funded by the National Cancer Institute.

Formulation
A sterile filtered antibody solution was lyophilized from PBS.

Reconstitution
Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage
-20°C

Precautions
Anti-Human FGF-basic Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human FGF-basic Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Human FGF-basic Antibody - Images