

**Anti-Human FGF-basic Antibody**  
**Catalog # ABG10116****Specification**

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**Anti-Human FGF-basic Antibody - Product Information**

Application	<b>WB, IHC, E</b>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>

**Anti-Human FGF-basic Antibody - Additional Information****Preparation**

Produced in BALB/c x ICR F<sub>1</sub> mice using highly pure recombinant human FGF-basic as the immunizing antigen. This IgG1<sub>K</sub> 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 Cytometry](#)
- [Cell Culture](#)

**Anti-Human FGF-basic Antibody - Images**