



## Polyclonal Anti-Fibroblast Growth Factor 2, **FGF2** (Sepharose Bead Conjugate)

**Catalogue No.** PA1032-S

**Lot No.** 01011AG3236

**Ig type:** rabbit IgG

**Size:** 100µg/vial

### **Specificity**

Human, rat.

No cross reactivity with other proteins.

### **Recommended application**

*(Immunoprecipitation(IP))*

### **Immunogen**

A peptide mapping at the C-terminal of human FGF2 (188-210 aa), identical to the related rat and mouse sequence.

### **Purification**

Immunogen affinity purified.

### **Formulation**

50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

### **Storage**

Store at 4°C for frequent use.

### **Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

## **BACKGROUND**

FGF2 has been implicated in a multitude of physiologic and pathologic processes, including limb development, angiogenesis, wound healing, and tumor growth..FGF2 belongs to the fibroblast growth factor (FGF) family. Fibroblast growth factors (FGFs) exhibit widespread mitogenic and neurotrophic activities. Nine members of the family are currently known, and FGF-1 and FGF-2 are present in relatively high levels in CNS. FGF-2 is expressed by at low levels in many tissues and cell types and reaches high concentrations in brain and pituitary.

## **REFERENCE**

1. Doniach, T. : Basic FGF as an inducer of anteroposterior neural pattern. *Cell* 83: 1067-1070, 1995
2. Eckenstein, F. P. : Fibroblast growth factors in the nervous system. *J. Neurobiol.* 25: 1467-1480, 1994.