



## **Rabbit anti FGFR-1 Polyclonal Antibody**

**Alternative Name(s):** Fibroblas growth factor receptor-1; CD331

### **Order Information**

- **Description:** FGFR-1
- **Catalogue:** 500-10584
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P)
- **Reactivity:** Hu

### **ANTIGEN PREPARATION**

A synthetic peptide from internal sequence of human FGFR-1 protein. This sequence is identical to mouse and rat.

### **BACKGROUND**

Fibroblast growth factors (FGFs) are members of a large family of structurally related polypeptides that are potent physiological regulators of growth and differentiation for a wide variety of cells of mesodermal, ectodermal and endodermal origin. Four genes encoding for high affinity cell surface FGF receptors (FGFRs) have been identified: FGFR-1, FGFR-2, FGFR-3 and FGFR-4. FGFRs are members of the tyrosine kinase family of growth factor receptors. FGFR-1 is highly expressed in carcinoma tissue.

### **PURIFICATION**

The Rabbit IgG is purified by Epitope Affinity Purification

### **FORMULATION**

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

### **SPECIFICITY**

This antibody recognizes human FGFR-2 protein. The other species are not tested.

### **STORAGE**

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### **APPLICATIONS/SUGGESTED WORKING DILUTIONS\***

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 120.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

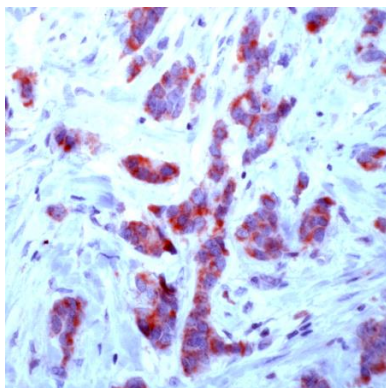
\*Optimal dilutions should be determined by researchers for the specific applications.

### **FOR RESEARCH USE ONLY.**

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## DATA ATTACHMENTS



Immunohistochemistry: Human liver carcinoma (FFPE) stained with anti-FGFR-1 (Cat# 500-10584) at 1:200 for 30 min, RT. (Staining of formalin-fixed tissues requires boiling tissue section in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min)

## REFERENCES

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