

For Research Use Only

# CoraLite® Plus 647-conjugated FGFR4 Polyclonal antibody

Catalog Number: CL647-11098

Featured Product



## Basic Information

**Catalog Number:**

CL647-11098

**Size:**

100ul , Concentration: 1000 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1573

**GenBank Accession Number:**

BC011847

**GeneID (NCBI):**

2264

**UNIPROT ID:**

P22455

**Full Name:**

fibroblast growth factor receptor 4

**Calculated MW:**

88 kDa

**Observed MW:**

95, 100-110 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IF/ICC: 1:50-1:500

**Excitation/Emission maxima wavelengths:**

654 nm / 674 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

human

**Positive Controls:**

IF/ICC : HEK-293 cells,

## Background Information

Fibroblast growth factor receptor 4 (FGFR4) is a member of a highly conserved tyrosine kinase family, along with FGFR1-3. This family consists of an intracellular tyrosine kinase domain, a single transmembrane domain, and extracellular ligand-binding domains (PMID: 32492514). FGFR4 is the predominant FGFR isoform present in human hepatocytes. FGFR4 has been proposed to play a role in the observed induction of hepatocyte proliferation and carcinogenesis by FGF19; however, contradicting evidence proposing a protective role for FGFR4 in suppressing hepatoma progression has also been proposed (PMID: 20018895). While the role of FGFR4 in cancer remains to be fully elucidated, several findings suggest that this receptor may be an important player in Hepatocellular carcinoma (HCC) development and/or progression (PMID: 10336501).

## Storage

**Storage:**

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

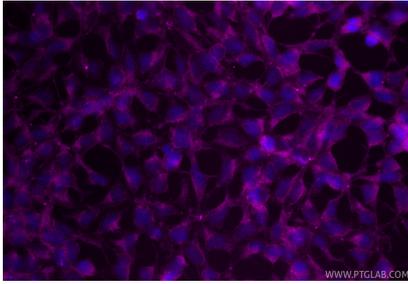
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed HEK-293 cells using CoraLite® Plus 647  
FGFR4 antibody (CL647-11098) at dilution of 1:200.