

For Research Use Only

# CoraLite® Plus 647-conjugated FGFR4 Polyclonal antibody

Catalog Number: CL647-11098

Featured Product



## Basic Information

Catalog Number:

CL647-11098

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: 4006900926

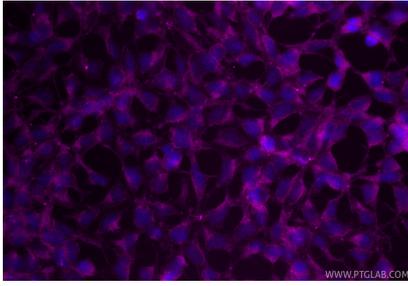
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

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## 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.