

For Research Use Only

FGFR4 Recombinant monoclonal antibody

Catalog Number: 85420-3-RR



Basic Information

Catalog Number: 85420-3-RR	GenBank Accession Number: BC011847	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2264	CloneNo.: 242713H8
Source: Rabbit	UNIPROT ID: P22455	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: fibroblast growth factor receptor 4	
Immunogen Catalog Number: EG3510	Calculated MW: 88 kDa	
	Observed MW: 95 kDa, 110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells,
Species Specificity: human	

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

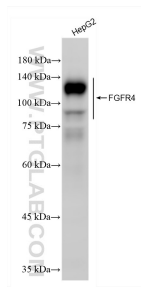
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85420-3-RR (FGFR4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.