

For Research Use Only

FGFR4 Monoclonal antibody, PBS Only



Catalog Number: 67800-1-PBS

Basic Information

Catalog Number: 67800-1-PBS	GenBank Accession Number: BC011847	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2264	CloneNo.: 1A2B5
Source: Mouse	UNIPROT ID: P22455	
Isotype: IgG1	Full Name: fibroblast growth factor receptor 4	
Immunogen Catalog Number: AG17041	Calculated MW: 88 kDa	
	Observed MW: 100-110 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

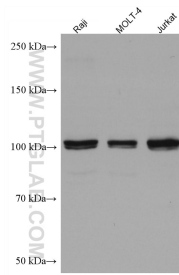
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67800-1-Ig (FGFR4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67800-1-PBS in a different storage buffer formulation.