FGFR4 Monoclonal antibody, PBS Only

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Catalog Number:67800-1-PBS

Basic Information

Catalog Number:
67800-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG17041

GenBank Accession Number:
BC011847

GeneID (NCBI):
2264

UNIPROT ID:
P22455

Full Name:
fibroblast growth factor receptor 4

Calculated MW:
88 kDa

Observed MW:
100-110 kDa

Purification Method:
Protein G purification

CloneNo.:
1A2B5

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:
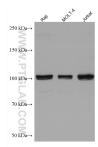Store at -80℃.
Storage Buffer:
PBS Only

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.