

For Research Use Only

FcZero-rAb® Biotin Anti-Human FGFR4 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98383-2



Basic Information

Catalog Number: Biotin-FcA98383-2	GenBank Accession Number: BC011847	Purification Method: Protein A purification
Size: 100ug , 500 ug/ml	GeneID (NCBI): 2264	CloneNo.: 242713H4
Source: Rabbit	UNIPROT ID: P22455	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: fibroblast growth factor receptor 4	
Immunogen Catalog Number: EG3510	Calculated MW: 88 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : HepG2 cells,
Species Specificity: human	

Background Information

Fibroblast growth factor receptor 4 (FGFR4), also known as CD334, 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).

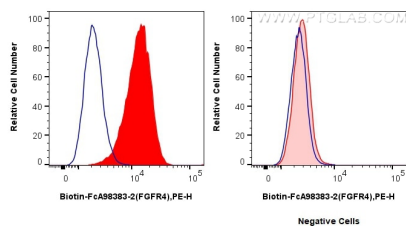
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

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



1x10⁶ HepG2 cells(left) or A431 cells (right) were surface stained with 0.25 ug Biotin Anti-Human FGFR4 Rabbit RecAb (Biotin-FcA98383-2, Clone:242713H4) (red), or 5 ul FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue) and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.