

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

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3510

GenBank Accession Number:

BC011847

GeneID (NCBI):

2264

UNIPROT ID:

P22455

Full Name:

fibroblast growth factor receptor 4

Calculated MW:

88 kDa

Purification Method:

Protein A purification

CloneNo.:

242713H4

Recommended Dilutions:

FC: 5 ul per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : HepG2 cells,

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:

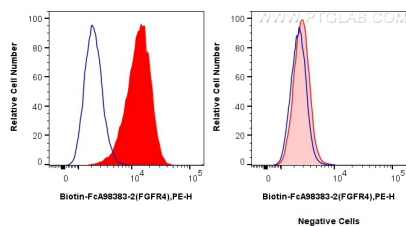
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Selected Validation Data



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.