

FGFR4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00257-4**

Capture Antibody Information

Catalog Number:

83153-6-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242713E1

Reactivity:

human

GenBank:

BC011847

Conjugate:

Unconjugated

Full name:

fibroblast growth factor receptor 4

Gene ID:

2264

Detection Antibody Information

Catalog Number:

83153-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242713G6

Reactivity:

human

GenBank:

BC011847

Conjugate:

Unconjugated

Full name:

fibroblast growth factor receptor 4

Gene ID:

2264

Applications

Tested Applications:

Sandwich ELISA

Range:

3.13-200 ng/mL (Sandwich ELISA)

Recommended Dilutions:

It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00257-4 targets FGFR4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FGFR4 Recombinant antibody, PBS Only (Capture) 83153-6-PBS (242713E1). 100 µg. Concentration 1 mg/mL.

Detection antibody: FGFR4 Recombinant antibody, PBS Only (Detector) 83153-5-PBS (242713G6). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:

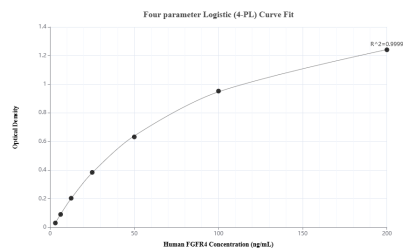
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

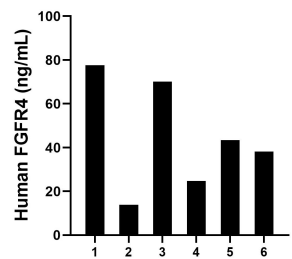
Storage buffer:

PBS only

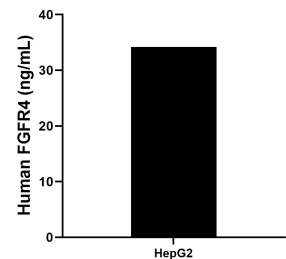
Selected Validation Data



Sandwich ELISA standard curve of MP00257-4, Human FGFR4 Recombinant Matched Antibody Pair - PBS only. 83153-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3510. 83153-5-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL



Serum of six individual healthy human donors was measured. The human FGFR4 concentration of detected samples was determined to be 44.65 ng/mL with a range of 13.85 - 77.61 ng/mL



HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. Aliquots of the cell culture supernatants were removed, assayed for levels of FGFR4 and measured 44.65 ng/mL