

FN1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02923-1**

Capture Antibody Information

Catalog Number:
80911-10-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251989E9
Reactivity:
human
GenBank:
NM_212482.4
Immunogen Catalog Number:
Eg5117

Conjugate:
Unconjugated
Full name:
fibronectin 1
Gene ID:
2335

Detection Antibody Information

Catalog Number:
80911-9-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251989D10
Reactivity:
human
GenBank:
NM_212482.4
Immunogen Catalog Number:
Eg5117

Conjugate:
Unconjugated
Full name:
fibronectin 1
Gene ID:
2335

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-2500 pg/mL (Sandwich ELISA)

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

Product Information

MP02923-1 targets FN1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Fibronectin Recombinant monoclonal antibody, PBS Only (Capture) 80911-10-PBS (251989E9). 100 µg. Concentration 1 mg/mL.

Detection antibody: Fibronectin Recombinant monoclonal antibody, PBS Only (Detector) 80911-9-PBS (251989D10). 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.

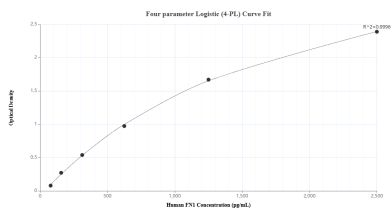
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

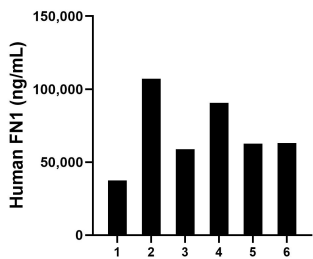
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

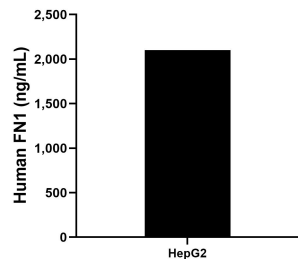
Selected Validation Data



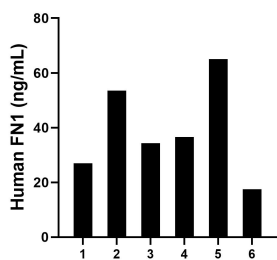
Sandwich ELISA standard curve of MP02923-1, Human FN1 Recombinant Matched Antibody Pair - PBS only. 80911-10-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5117. 80911-9-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



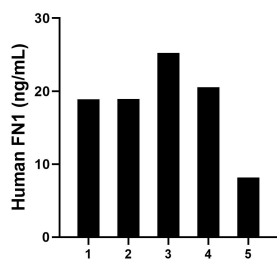
Plasma of six individual healthy human donors was measured. The human FN1 concentration of detected samples was determined to be 70,005.24 ng/mL with a range of 37,468.04 - 107,177.08 ng/mL



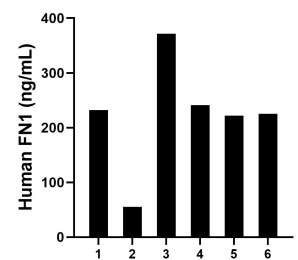
HepG2 (human hepatocellular carcinoma cells) were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human FN1, and measured 2,102.36 ng/mL



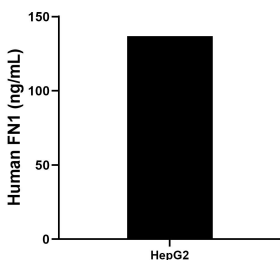
Saliva of six individual healthy human donors was measured. The human FN1 concentration of detected samples was determined to be 38.99 ng/mL with a range of 17.55 - 64.99 ng/mL



Urine of five individual healthy human donors was measured. The human FN1 concentration of detected samples was determined to be 18.35 ng/mL with a range of 8.2 - 25.2 ng/mL



Human milk of six individual healthy human donors was measured. The human FN1 concentration of detected samples was determined to be 224.52 ng/mL with a range of 55.37 - 371.75 ng/mL



The mean FN1 concentration was determined to be 136.80 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.