

FAP Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00971-1**

Capture Antibody Information

Catalog Number:
84018-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241129E7
Reactivity:
human

Conjugate:
Unconjugated
Full name:
fibroblast activation protein, alpha
Gene ID:
2191

Detection Antibody Information

Catalog Number:
84018-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241129F6
Reactivity:
human
GenBank:
NM_004460.4

Conjugate:
Unconjugated
Full name:
fibroblast activation protein, alpha
Gene ID:
2191

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.78-100 ng/mL (Cytometric Bead
Array)
39.1-2500 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

MP00971-1 targets FAP in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: FAP Recombinant antibody, PBS Only (Capture) 84018-2-PBS (241129E7). 100 µg. Concentration 1 mg/mL.

Detection antibody: FAP Recombinant antibody, PBS Only (Capture/Detector) 84018-3-PBS (241129F6). 100 µg. Concentration 1 mg/mL.

Alternative FAP matched antibody pairs: MP00971-2, MP00971-3

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.
Storage buffer:
PBS only

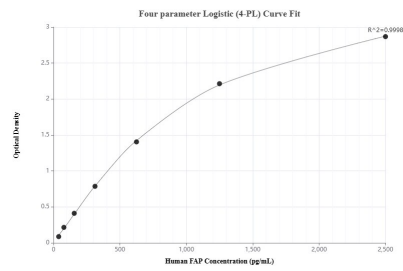
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

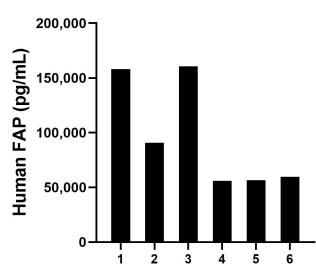
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

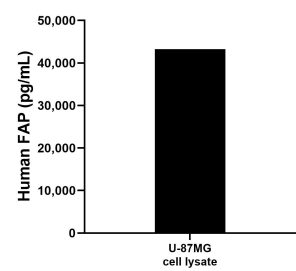
Selected Validation Data



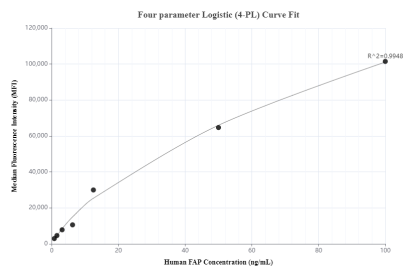
Sandwich ELISA standard curve of MP00971-1, Human FAP Recombinant Matched Antibody Pair - PBS only. 84018-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0821. 84018-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of six individual healthy human donors was measured. The human FAP concentration of detected samples was determined to be 96,902.1 pg/mL with a range of 55,942.0 - 160,643.1 pg/mL.



U-87MG cell lysate was measured. The human FAP concentration of detected samples was determined to be 43,236.4 pg/mL (based on a 3.9 mg/mL extract load) in U-87MG cell lysate.



Cytometric bead array standard curve of MP00971-1, FAP Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84018-2-PBS. Detection antibody: 84018-3-PBS. Standard: Eg0821. Range: 0.78-100 ng/mL