

For Research Use Only

Follistatin Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03168-1

Capture Antibody Information

Catalog Number:
87548-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252591H1

Reactivity:
human

Immunogen Catalog Number:
Eg2981

Conjugate:
Unconjugated

Full name:
follistatin

Gene ID:
10468

Detection Antibody Information

Catalog Number:
87548-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252590C5

Reactivity:
human

GenBank:
NM_013409.3

Immunogen Catalog Number:
Eg2981

Conjugate:
Unconjugated

Full name:
follistatin

Gene ID:
10468

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 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

MP03168-1 targets Follistatin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FST Recombinant monoclonal antibody, PBS Only (Capture) 87548-3-PBS (252591H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: FST Recombinant monoclonal antibody, PBS Only (Detector) 87548-2-PBS (252590C5). 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.
Storage buffer:
PBS only

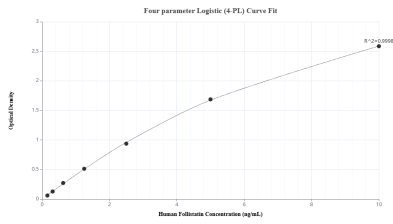
For technical support and original validation data for this product please contact:

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

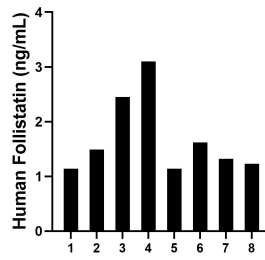
E: proteintech@ptglab.com
W: ptglab.com

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

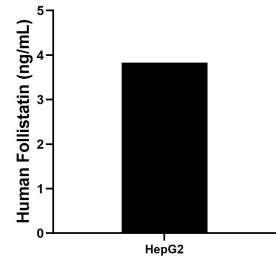
Selected Validation Data



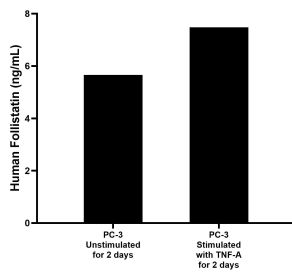
Sandwich ELISA standard curve of MP03168-1, Human Follistatin Recombinant Matched Antibody Pair - PBS only. 87548-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2981. 87548-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Plasma of eight individual healthy human donors was measured. The human Follistatin concentration of detected samples was determined to be 1.69 ng/mL with a range of 1.14 - 3.10 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 Follistatin, and measured 3.83 ng/mL



PC-3 cells were cultured unstimulated or stimulated with 10 ng/mL TNF-A for 2 days. The mean Follistatin concentration was determined to be 5.66 g/mL in unstimulated cell culture supernatant, 7.48 g/mL in stimulated cell culture supernatant.