

For Research Use Only

Coilin Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02891-1

Capture Antibody Information

Catalog Number:

87171-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252327D2

Reactivity:

human

Immunogen Catalog Number:

Ag1416

Conjugate:

Unconjugated

Full name:

coilin

Gene ID:

8161

Detection Antibody Information

Catalog Number:

87171-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252327B11

Reactivity:

human, mouse, rat

GenBank:

BC010385

Immunogen Catalog Number:

Ag1416

Conjugate:

Unconjugated

Full name:

coilin

Gene ID:

8161

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA

Range:

0.312-40 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

MP02891-1 targets Coilin in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: COIL Recombinant monoclonal antibody, PBS Only (Capture) 87171-2-PBS (252327D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: Coilin Recombinant monoclonal antibody, PBS Only (Detector) 87171-1-PBS (252327B11). 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:

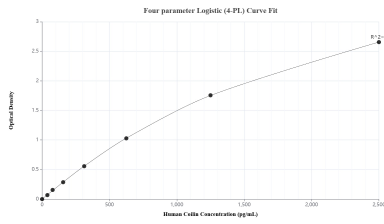
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

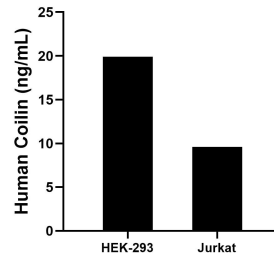
W: ptglab.com

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

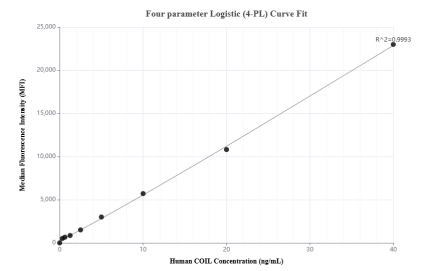
Selected Validation Data



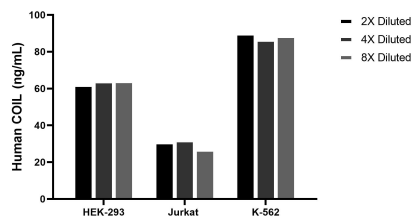
Sandwich ELISA standard curve of MP02891-1, Human Coilin Recombinant Matched Antibody Pair - PBS only. 87171-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1416. 87171-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean Coilin concentration was determined to be 19.9 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load and 9.6 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02891-1, COIL/Coilin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87171-2-PBS. Detection antibody: 87171-1-PBS. Standard: Ag1416. Range: 0.312-40 ng/mL



The mean COIL/Coilin concentration was determined to be 63.3 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 29.8 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 88.3 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load.