

For Research Use Only

COIL Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87171-2-PBS



Basic Information

Catalog Number: 87171-2-PBS	GenBank Accession Number: BC010385	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8161	CloneNo.: 252327D2
Source: Rabbit	UNIPROT ID: P38432	
Isotype: IgG	Full Name: coilin	
Immunogen Catalog Number: AG1416	Calculated MW: 576 aa, 63 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87171-2-PBS targets COIL as part of a matched antibody pair:

MP02891-1: 87171-2-PBS capture and 87171-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

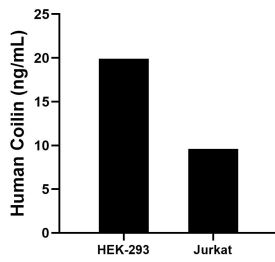
For technical support and original validation data for this product please contact:

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

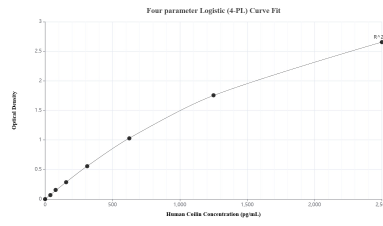
E: proteintech@ptglab.com
W: ptglab.com

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

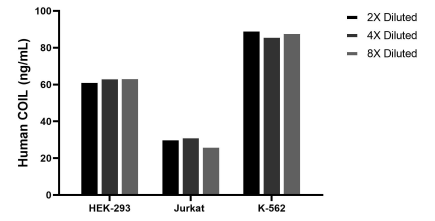
Selected Validation Data



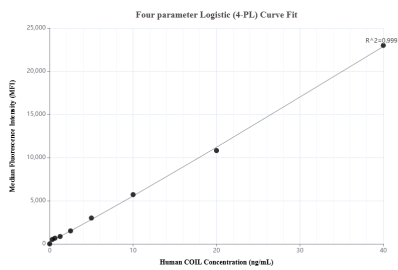
The mean Coilin concentration was determined to be 19.9 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load and 9.6 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.



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 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.



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.