

IRAK4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP03420-1

Capture Antibody Information

Catalog Number:
88124-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260406F5
Reactivity:
human
Immunogen Catalog Number:
Ag12982

Conjugate:
Unconjugated
Full name:
interleukin-1 receptor-associated
kinase 4
Gene ID:
51135

Detection Antibody Information

Catalog Number:
88124-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260406H6
Reactivity:
human
GenBank:
BC013316
Immunogen Catalog Number:
Ag12982

Conjugate:
Unconjugated
Full name:
interleukin-1 receptor-associated
kinase 4
Gene ID:
51135

Applications

Tested Applications:
Sandwich ELISA

Range:
1.56-100 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

MP03420-1 targets IRAK4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IRAK4 Recombinant monoclonal antibody, PBS Only (Capture) 88124-3-PBS (260406F5). 100 µg. Concentration 1 mg/mL.

Detection antibody: IRAK4 Recombinant monoclonal antibody, PBS Only (Detector) 88124-2-PBS (260406H6). 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

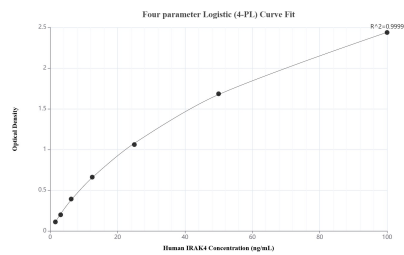
For technical support and original validation data for this product please contact:

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

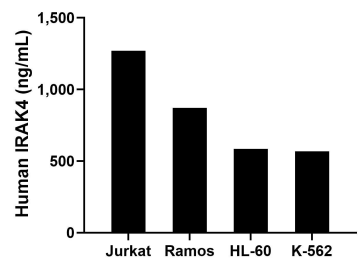
E: proteintech@ptglab.com
W: ptglab.com

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

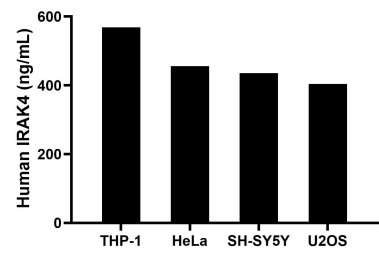
Selected Validation Data



Sandwich ELISA standard curve of MP03420-1, Human IRAK4 Recombinant Matched Antibody Pair - PBS only. 88124-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12982. 88124-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean IRAK4 concentration was determined to be 1,268.87 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 871.67 ng/mL in Ramos cell extract based on a 1.50 mg/mL extract load, 584.26 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 566.48 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load.



The mean IRAK4 concentration was determined to be 568.41 ng/mL in THP-1 cell extract based on a 1.20 mg/mL extract load, 456.19 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 435.79 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load and 403.69 ng/mL in U2OS cell extract based on a 1.20 mg/mL extract load.