

For Research Use Only

JAK1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03525-1

Capture Antibody Information

Catalog Number:
88294-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260802G5
Reactivity:
human
Immunogen Catalog Number:
Ag25579

Conjugate:
Unconjugated
Full name:
Janus kinase 1 (a protein tyrosine kinase)
Gene ID:
3716

Detection Antibody Information

Catalog Number:
88294-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260802E6
Reactivity:
human
GenBank:
BC132729
Immunogen Catalog Number:
Ag25579

Conjugate:
Unconjugated
Full name:
Janus kinase 1 (a protein tyrosine kinase)
Gene ID:
3716

Applications

Tested Applications:
Sandwich ELISA

Range:
0.195-12.5 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

MP03525-1 targets JAK1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: JAK1 Recombinant monoclonal antibody, PBS Only (Capture) 88294-3-PBS (260802G5). 100 µg. Concentration 1 mg/mL.

Detection antibody: JAK1 Recombinant monoclonal antibody, PBS Only (Detector) 88294-2-PBS (260802E6). 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

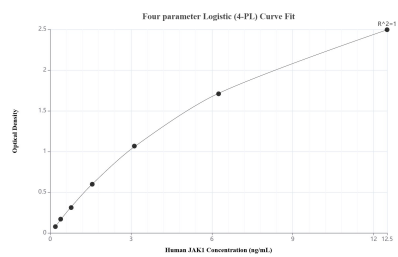
For technical support and original validation data for this product please contact:

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

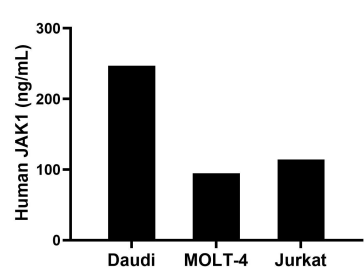
E: proteintech@ptglab.com
W: ptglab.com

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

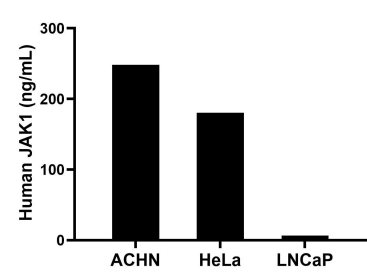
Selected Validation Data



Sandwich ELISA standard curve of MP03525-1, Human JAK1 Recombinant Matched Antibody Pair - PBS only. 88294-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag25579. 88294-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



The mean JAK1 concentration was determined to be 247.18 ng/mL in Daudi cell extract based on a 1.20 mg/mL extract load, 94.81 ng/mL in MOLT-4 cell extract based on a 1.20 mg/mL extract load and 114.53 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load.



The mean JAK1 concentration was determined to be 248.19 ng/mL in ACHN cell extract based on a 1.50 mg/mL extract load, 180.36 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 6.45 ng/mL in LNCaP cell extract based on a 1.20 mg/mL extract load.