

# 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  
**GenBank:**  
BC132729  
**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.

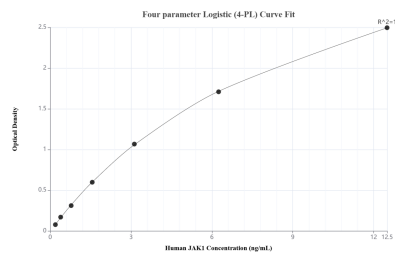
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

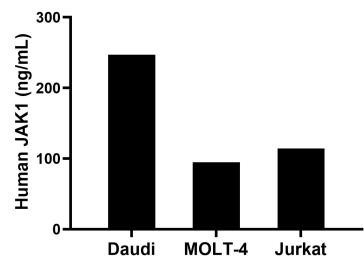
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

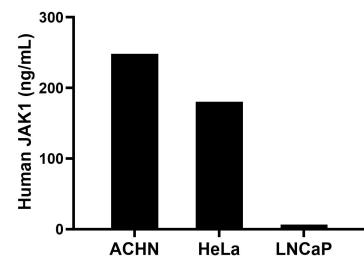
## Selected Validation Data



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.