

For Research Use Only



# Rat CD4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01387-3

## Capture Antibody Information

Catalog Number:

84530-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241955F6

Reactivity:

rat

Conjugate:

Unconjugated

Full name:

Cd4 molecule

Gene ID:

24932

## Detection Antibody Information

Catalog Number:

84530-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241955C8

Reactivity:

rat

GenBank:

NM\_012705.1

Conjugate:

Unconjugated

Full name:

Cd4 molecule

Gene ID:

24932

## Applications

Tested Applications:

Sandwich ELISA

Range:

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

MP01387-3 targets CD4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat CD4 Recombinant antibody, PBS Only (Capture) 84530-4-PBS (241955F6). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat CD4 Recombinant antibody, PBS Only (Detector) 84530-1-PBS (241955C8). 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

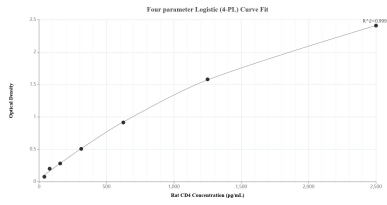
For technical support and original validation data for this product please contact:

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

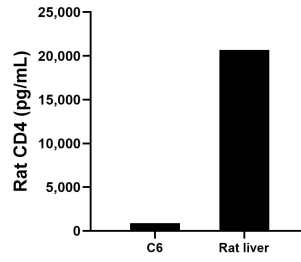
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 MP01387-3, Rat CD4 Recombinant Matched Antibody Pair - PBS only. 84530-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2025. 84530-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



The mean CD4 concentration was determined to be 874.9 pg/mL in C6 cell extract based on a 2.0 mg/mL extract load and 20,690.7 pg/mL in rat liver cell extract based on a 2.9 mg/mL extract load.