

For Research Use Only

CD4 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50077-1

Capture Antibody Information

Catalog Number:
65147-1-PBS

Host:
Mouse

Isotype:
IgG1, kappa

Purification Method:
Affinity purification

Clone ID:
SK3

Reactivity:
Human

Conjugate:
Unconjugated

Full name:
CD4 molecule

Gene ID:
920

Affinity:
 $K_D = 8.82 \times 10^{-11}M$
 $K_{Off} = 2.00 \times 10^{-5}M$
 $K_{On} = 2.26 \times 10^5M$

Detection Antibody Information

Catalog Number:
68688-1-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G purification

Clone ID:
1E11B4

Reactivity:
Human

GenBank:
BC025782

Conjugate:
Unconjugated

Full name:
CD4 molecule

Gene ID:
920

Affinity:
 $K_D = 1.39 \times 10^{-10}M$
 $K_{Off} = 4.36 \times 10^{-6}M$
 $K_{On} = 3.13 \times 10^4M$

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-1000 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

MP50077-1 targets CD4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Anti-Human CD4 (SK3), PBS Only 65147-1-PBS (SK3). 100 µg. Concentration 1 mg/ml.

Detection antibody: CD4 Monoclonal antibody, PBS Only (Detector) 68688-1-PBS (1E11B4). 100 µg. Concentration 1 mg/ml.

Alternative CD4 matched antibody pairs: MP00503-1, MP00503-2, MP00503-3

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

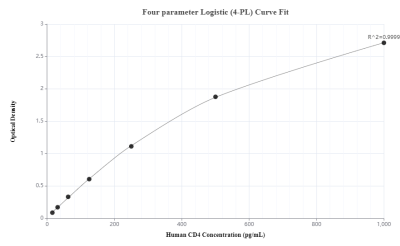
For technical support and original validation data for this product please contact:

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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 MP50077-1, CD4 Monoclonal Matched Antibody Pair - PBS only. 65147-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0333. 68688-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL