

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

GenBank:  
BC025782

Conjugate:  
Unconjugated

Full name:  
CD4 molecule

Gene ID:  
920

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

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

## 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  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: CD4 Monoclonal antibody, PBS Only (Detector) 68688-1-PBS (1E11B4). 100  $\mu$ g. 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:

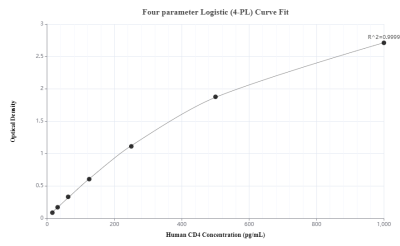
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## Selected Validation Data



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