

# CD200 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50062-1

## Capture Antibody Information

Catalog Number:  
68700-1-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
1B1C10

Reactivity:  
Human

GenBank:  
BC022522

Conjugate:  
Unconjugated

Full name:  
CD200 molecule

Gene ID:  
4345

## Detection Antibody Information

Catalog Number:  
68700-2-PBS

Host:  
Mouse

Isotype:  
IgG2b

Purification Method:  
Protein A purification

Clone ID:  
1A1B5

Reactivity:  
Human

GenBank:  
BC022522

Conjugate:  
Unconjugated

Full name:  
CD200 molecule

Gene ID:  
4345

Affinity:  
 $K_D = 5.90 \times 10^{-8}$   
 $K_{Off} = 5.13 \times 10^{-3}$   
 $K_{On} = 8.70 \times 10^4$

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
31.3-2000 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

MP50062-1 targets CD200 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD200 Monoclonal antibody, PBS Only (Capture) 68700-1-PBS (1B1C10). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: CD200 Monoclonal antibody, PBS Only (Detector) 68700-2-PBS (1A1B5). 100  $\mu$ g. Concentration 1 mg/mL.

Alternative CD200 matched antibody pairs: MP00030-1, MP00030-2, MP00030-3, MP00439-1, MP00439-2

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

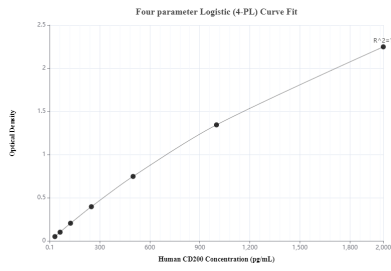
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.  
Storage buffer:  
PBS only

## Selected Validation Data



Sandwich ELISA standard curve of MP50062-1, CD200 Monoclonal Matched Antibody Pair - PBS only. 68700-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0006. 68700-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.