

# Adiponectin Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP50050-1

## Capture Antibody Information

Catalog Number:  
68679-1-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G purification

Clone ID:  
2A10H5  
Reactivity:  
human  
GenBank:  
BC096308  
Immunogen Catalog Number:  
Eg0327

Conjugate:  
Unconjugated  
Full name:  
adiponectin, C1Q and collagen domain containing  
Gene ID:  
9370

## Detection Antibody Information

Catalog Number:  
68679-2-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G purification

Clone ID:  
1F12G8  
Reactivity:  
human  
GenBank:  
BC096308  
Immunogen Catalog Number:  
Eg0327

Conjugate:  
Unconjugated  
Full name:  
adiponectin, C1Q and collagen domain containing  
Gene ID:  
9370

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
62.5-4000 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

MP50050-1 targets Adiponectin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Adiponectin Monoclonal antibody, PBS Only (Capture) 68679-1-PBS (2A10H5). 100 µg. Concentration 1 mg/mL.

Detection antibody: Adiponectin Monoclonal antibody, PBS Only (Detector) 68679-2-PBS (1F12G8). 100 µg. Concentration 1 mg/mL.

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

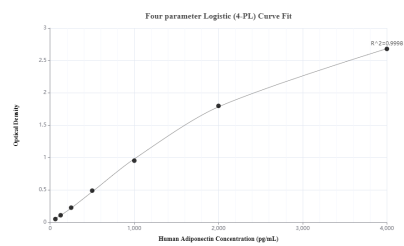
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

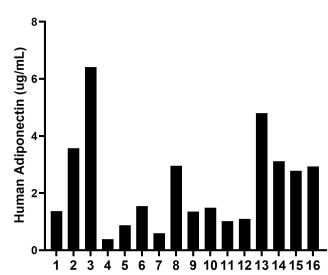
## Storage

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

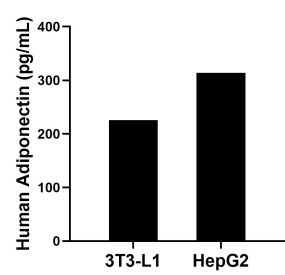
## Selected Validation Data



Sandwich ELISA standard curve of MP50050-1, Adiponectin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68679-1-PBS. Detection antibody: 68679-2-PBS. Standard: Eg0327. Range: 62.5-4000 pg/mL.



Serum of sixteen individual healthy human donors was measured. The Adiponectin concentration of detected samples was determined to be 5.5 ug/mL with a range of 1.7-10.5 ug/mL.



The mean Adiponectin concentration was determined to be 225.8 pg/mL in 3T3-L1 cell extract based on a 3.4 mg/mL extract load and 313.9 pg/mL in HepG2 cell extract based on a 2.4 mg/mL extract load.