

# UCP2 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50586-1

## Capture Antibody Information

**Catalog Number:**  
66700-2-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
2A1C12

**Reactivity:**  
human

**GenBank:**  
BC011737

**Immunogen Catalog Number:**  
Ag19361

**Conjugate:**  
Unconjugated

**Full name:**  
uncoupling protein 2 (mitochondrial, proton carrier)

**Gene ID:**  
7351

## Detection Antibody Information

**Catalog Number:**  
66700-3-PBS

**Host:**  
Mouse

**Isotype:**  
IgG3

**Purification Method:**  
Protein G purification

**Clone ID:**  
1G2B4

**Reactivity:**  
human

**GenBank:**  
BC011737

**Immunogen Catalog Number:**  
Ag19361

**Conjugate:**  
Unconjugated

**Full name:**  
uncoupling protein 2 (mitochondrial, proton carrier)

**Gene ID:**  
7351

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.098-100 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP50586-1 targets UCP2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: UCP2 Monoclonal antibody, PBS Only (Capture) 66700-2-PBS (2A1C12). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: UCP2 Monoclonal antibody, PBS Only (Detector) 66700-3-PBS (1G2B4). 100  $\mu$ g. Concentration 1 mg/mL.

Alternative UCP2 matched antibody pairs: MP50586-2, MP50586-3

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.

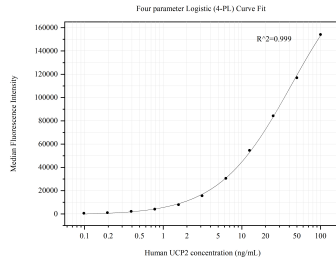
Antibody use should be optimized for each application and assay.

## Storage

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

**Storage buffer:**  
PBS only

## Selected Validation Data



Cytometric bead array standard curve of MP50586-1, UCP2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66700-2-PBS. Detection antibody: 66700-3-PBS. Standard: Ag19361. Range: 0.098-100 ng/mL.