

# Cardiac Troponin T Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50338-1**

## Capture Antibody Information

**Catalog Number:**  
68300-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
4E2D8  
**Reactivity:**  
human, mouse, rat, pig, rabbit,  
chicken  
**GenBank:**  
BC002653  
**Immunogen Catalog Number:**  
Ag7716

**Conjugate:**  
Unconjugated  
**Full name:**  
troponin T type 2 (cardiac)  
**Gene ID:**  
7139

## Detection Antibody Information

**Catalog Number:**  
68300-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG3  
**Purification Method:**  
Protein A purification

**Clone ID:**  
4G3H5  
**Reactivity:**  
human  
**GenBank:**  
BC002653  
**Immunogen Catalog Number:**  
Ag7716

**Conjugate:**  
Unconjugated  
**Full name:**  
troponin T type 2 (cardiac)  
**Gene ID:**  
7139

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.391-50 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

MP50338-1 targets Cardiac Troponin T in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Cardiac Troponin T Monoclonal antibody, PBS Only (Capture) 68300-1-PBS (4E2D8). 100 µg. Concentration 1 mg/mL.

Detection antibody: cTnT Monoclonal antibody, PBS Only (Detector) 68300-2-PBS (4G3H5). 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.

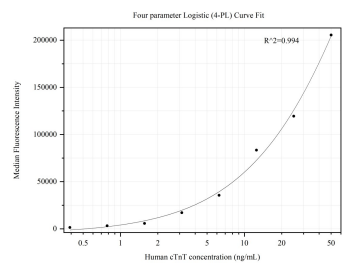
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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



Cytometric bead array standard curve of MP50338-1, cTnT Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68300-1-PBS. Detection antibody: 68300-2-PBS. Standard:Ag7716. Range: 0.391-50 ng/mL