

# CAST Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50744-2

## Capture Antibody Information

**Catalog Number:**  
67107-1-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G purification

**Clone ID:**  
1G12A2

**Reactivity:**  
human

**GenBank:**  
BC013579

**Immunogen Catalog Number:**  
Ag28669

**Conjugate:**  
Unconjugated

**Full name:**  
calpastatin

**Gene ID:**  
831

## Detection Antibody Information

**Catalog Number:**  
67107-3-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G purification

**Clone ID:**  
1C4E8

**Reactivity:**  
human

**GenBank:**  
BC013579

**Immunogen Catalog Number:**  
Ag28669

**Conjugate:**  
Unconjugated

**Full name:**  
calpastatin

**Gene ID:**  
831

## 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

MP50744-2 targets CAST in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Calpastatin Monoclonal antibody, PBS Only (Capture) 67107-1-PBS (1G12A2). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: CAST Monoclonal antibody, PBS Only (Detector) 67107-3-PBS (1C4E8). 100  $\mu$ g. Concentration 1 mg/ml.

Alternative CAST matched antibody pairs: MP50744-1

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.

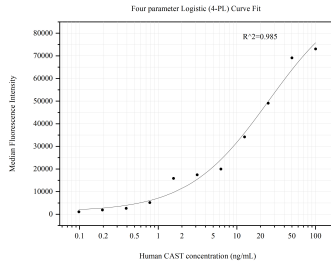
Antibody use should be optimized for each application and assay.

## 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 MP50744-2, CAST Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67107-1-PBS. Detection antibody: 67107-3-PBS. Standard:Ag28669. Range: 0.098-100 ng/mL.