

For Research Use Only

# HMGC51 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50145-3

## Capture Antibody Information

**Catalog Number:**  
68779-4-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG2a  
**Purification Method:**  
Protein A Magarose purification

**Clone ID:**  
2G8H3  
**Reactivity:**  
Human  
**GenBank:**  
BC083514  
**Immunogen Catalog Number:**  
Ag11937

**Conjugate:**  
Unconjugated  
**Full name:**  
3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)  
**Gene ID:**  
3157

## Detection Antibody Information

**Catalog Number:**  
68779-5-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
2E5A1  
**Reactivity:**  
Human  
**GenBank:**  
BC083514  
**Immunogen Catalog Number:**  
Ag11937

**Conjugate:**  
Unconjugated  
**Full name:**  
3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)  
**Gene ID:**  
3157

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**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

MP50145-3 targets HMGC51 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: HMGC51 Monoclonal antibody, PBS Only (Capture) 68779-4-PBS (2G8H3). 100 µg. Concentration 1 mg/mL.

Detection antibody: HMGC51 Monoclonal antibody, PBS Only (Detector) 68779-5-PBS (2E5A1). 100 µg. Concentration 1 mg/mL.

Alternative HMGC51 matched antibody pairs: MP50145-1, MP50145-2, MP50145-4

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) 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

For technical support and original validation data for this product please contact:

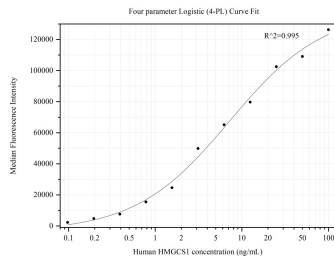
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Cytometric bead array standard curve of MP50145-3, HMGC51 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68779-4-PBS. Detection antibody: 68779-5-PBS. Standard: Ag11937. Range: 0.098-100 ng/mL.