

For Research Use Only

# GLUT4 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP51538-1

## Capture Antibody Information

**Catalog Number:**  
66846-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
1B4A3  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag15390

**Conjugate:**  
Unconjugated  
**Full name:**  
solute carrier family 2 (facilitated glucose transporter), member 4  
**Gene ID:**  
6517

## Detection Antibody Information

**Catalog Number:**  
66846-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2B9D3  
**Reactivity:**  
human  
**GenBank:**  
BC069615  
**Immunogen Catalog Number:**  
Ag15390

**Conjugate:**  
Unconjugated  
**Full name:**  
solute carrier family 2 (facilitated glucose transporter), member 4  
**Gene ID:**  
6517

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.781-100 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

MP51538-1 targets GLUT4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: GLUT4 Monoclonal antibody, PBS Only (Capture) 66846-2-PBS (1B4A3). 100 µg. Concentration 1 mg/mL.

Detection antibody: GLUT4 Monoclonal antibody, PBS Only (Detector) 66846-3-PBS (2B9D3). 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.  
**Storage buffer:**  
PBS only

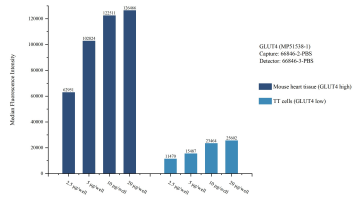
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

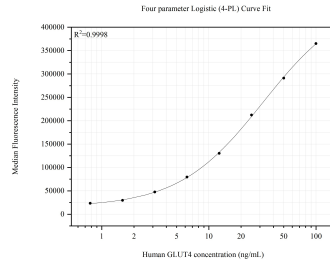
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W: [ptglab.com](http://ptglab.com)

**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 sample test of MP51538-1, GLUT4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66846-2-PBS. Detection antibody: 66846-3-PBS.



Cytometric bead array standard curve of MP51538-1, GLUT4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66846-2-PBS. Detection antibody: 66846-3-PBS. Standard: Ag15390. Range: 0.781-100 ng/mL.