

For Research Use Only

# OGDH Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP51450-1

## Capture Antibody Information

**Catalog Number:**  
66285-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG2a  
**Purification Method:**  
Protein A purification

**Clone ID:**  
1B12B11  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag7484

**Conjugate:**  
Unconjugated  
**Full name:**  
oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)  
**Gene ID:**  
4967

## Detection Antibody Information

**Catalog Number:**  
66285-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG2b  
**Purification Method:**  
Protein A Magarose purification

**Clone ID:**  
1G11E11  
**Reactivity:**  
human  
**GenBank:**  
BC004964  
**Immunogen Catalog Number:**  
Ag7484

**Conjugate:**  
Unconjugated  
**Full name:**  
oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)  
**Gene ID:**  
4967

## 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

MP51450-1 targets OGDH in immunoassays as a matched antibody pair. Validated in Cytometric bead array.  
Capture antibody: OGDH Monoclonal antibody, PBS Only (Capture) 66285-2-PBS (1B12B11). 100 µg. Concentration 1 mg/mL.  
Detection antibody: OGDH Monoclonal antibody, PBS Only (Detector) 66285-3-PBS (1G11E11). 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

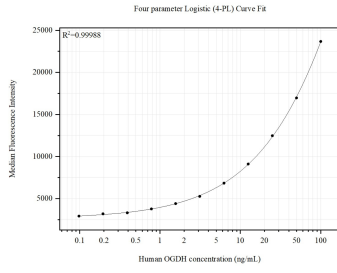
For technical support and original validation data for this product please contact:

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

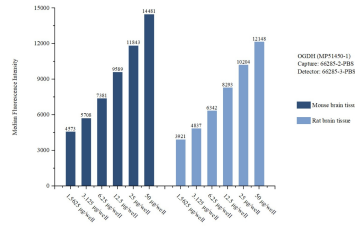
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 standard curve of MP51450-1, OGDH Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66285-2-PBS. Detection antibody: 66285-3-PBS. Standard:Ag7484. Range: 0.098-100 ng/mL.



Cytometric bead array sample test of MP51450-1, OGDH Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66285-2-PBS. Detection antibody: 66285-3-PBS.