

For Research Use Only

# PDHB Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50446-2

## Capture Antibody Information

Catalog Number:  
68238-4-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
2E2D4

Reactivity:  
human

Immunogen Catalog Number:  
Ag6857

Conjugate:  
Unconjugated

Full name:  
pyruvate dehydrogenase (lipoamide) beta

Gene ID:  
5162

## Detection Antibody Information

Catalog Number:  
68238-3-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
1E4H8

Reactivity:  
human

GenBank:  
BC000439

Immunogen Catalog Number:  
Ag6857

Conjugate:  
Unconjugated

Full name:  
pyruvate dehydrogenase (lipoamide) beta

Gene ID:  
5162

## Applications

Tested Applications:  
Cytometric bead array

Range:  
0.391-100 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

MP50446-2 targets PDHB in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PDHB Monoclonal antibody, PBS Only (Capture) 68238-4-PBS (2E2D4). 100 µg. Concentration 1 mg/ml.

Detection antibody: PDHB Monoclonal antibody, PBS Only (Detector) 68238-3-PBS (1E4H8). 100 µg. Concentration 1 mg/ml.

Alternative PDHB matched antibody pairs: MP50446-1

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.  
Storage buffer:  
PBS only

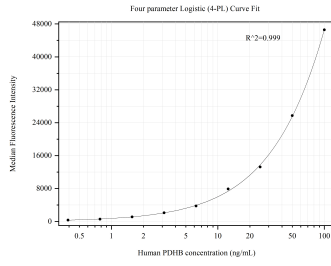
For technical support and original validation data for this product please contact:

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)  
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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 MP50446-2, PDHB Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68238-4-PBS. Detection antibody: 68238-3-PBS. Standard: Ag6857. Range: 0.391-100 ng/mL.