

For Research Use Only

# PDK4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00556-2

## Capture Antibody Information

**Catalog Number:**  
83583-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240551G7  
**Reactivity:**  
Human  
**Immunogen Catalog Number:**  
Ag3629

**Conjugate:**  
Unconjugated  
**Full name:**  
pyruvate dehydrogenase kinase, isozyme 4  
**Gene ID:**  
5166

## Detection Antibody Information

**Catalog Number:**  
83583-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240551E4  
**Reactivity:**  
Human  
**GenBank:**  
BC040239  
**Immunogen Catalog Number:**  
Ag3629

**Conjugate:**  
Unconjugated  
**Full name:**  
pyruvate dehydrogenase kinase, isozyme 4  
**Gene ID:**  
5166

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
1.56-100 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

MP00556-2 targets PDK4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PDK4 Recombinant antibody, PBS Only (Capture) 83583-2-PBS (240551G7). 100 µg. Concentration 1 mg/ml.

Detection antibody: PDK4 Recombinant antibody, PBS Only (Detector) 83583-1-PBS (240551E4). 100 µg. Concentration 1 mg/ml.

Alternative PDK4 matched antibody pairs: MP00556-1

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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.

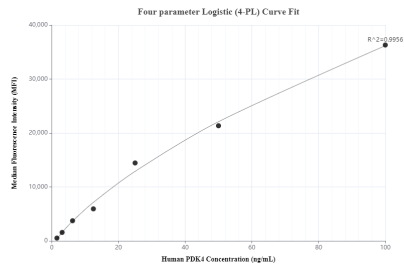
## Storage

**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  
W: 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 MP00556-2, PDK4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83583-2-PBS. Detection antibody: 83583-1-PBS. Standard: Ag3629. Range: 1.56-100 ng/mL