

For Research Use Only

PDK4 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 60565-2-PBS



Basic Information

Catalog Number: 60565-2-PBS	GenBank Accession Number: BC040239	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5166	CloneNo.: 2E7E4
Source: Mouse	UNIPROT ID: Q16654	
Isotype: IgG1	Full Name: pyruvate dehydrogenase kinase, isozyme 4	
Immunogen Catalog Number: AG30259	Calculated MW: 411 aa, 46 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

60565-2-PBS targets PDK4 as part of a matched antibody pair:

MP50796-1: 60565-1-PBS capture and 60565-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

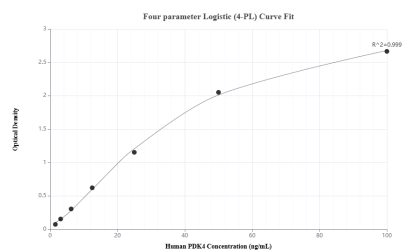
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

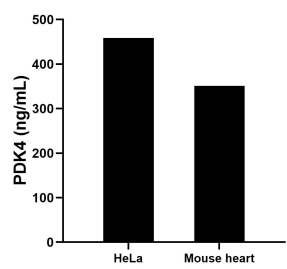
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

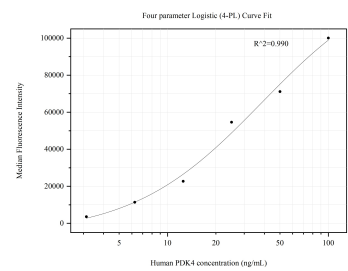
Selected Validation Data



Sandwich ELISA standard curve of MP50796-1, Human PDK4 Monoclonal Matched Antibody Pair - PBS only. 60565-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag30259. 60565-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean PDK4 concentration was determined to be 458.51 ng/mL in HeLa cell extract based on a 1.8 mg/mL extract load and 351.01 ng/mL in mouse heart tissue extract based on a 7.1 mg/mL extract load.



Cytometric bead array standard curve of MP50796-1, PDK4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60565-1-PBS. Detection antibody: 60565-2-PBS. Standard: Ag30259. Range: 3.125-100 ng/mL