

PDK4 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50796-1

Capture Antibody Information

Catalog Number:
60565-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2E8F5
Reactivity:
human
GenBank:
BC040239
Immunogen Catalog Number:
Ag30259

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

Detection Antibody Information

Catalog Number:
60565-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2E7E4
Reactivity:
human
GenBank:
BC040239
Immunogen Catalog Number:
Ag30259

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

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
3.125-100 ng/mL (Cytometric Bead
Array)
1.56-100 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent
should be titrated in each testing
system to obtain optimal results.

Product Information

MP50796-1 targets PDK4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: PDK4 Monoclonal antibody, PBS Only (Capture) 60565-1-PBS (2E8F5). 100 µg. Concentration 1 mg/mL.

Detection antibody: PDK4 Monoclonal antibody, PBS Only (Detector) 60565-2-PBS (2E7E4). 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.

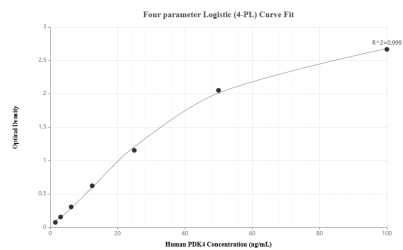
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

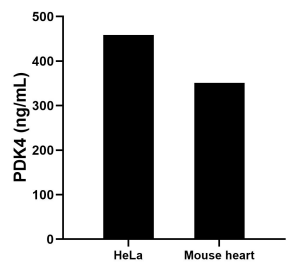
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

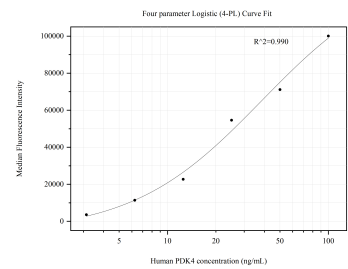
Selected Validation Data



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