

PKC Iota Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02074-3**

Capture Antibody Information

Catalog Number: 85733-6-PBS	Clone ID: 243126D9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: protein kinase C, iota
Isotype: IgG	GenBank: BC022016	Gene ID: 5584
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4990	

Detection Antibody Information

Catalog Number: 85733-2-PBS	Clone ID: 243126A4	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human, mouse, rat	Full name: protein kinase C, iota
Isotype: IgG	GenBank: BC022016	Gene ID: 5584
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4990	

Applications

Tested Applications: Sandwich ELISA	Range: 0.313-20 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

MP02074-3 targets PKC Iota in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PRKCI Recombinant antibody, PBS Only (Capture) 85733-6-PBS (243126D9). 100 µg. Concentration 1 mg/mL.

Detection antibody: PKC Iota Recombinant antibody, PBS Only (Detector) 85733-2-PBS (243126A4). 100 µg. Concentration 1 mg/mL.

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.

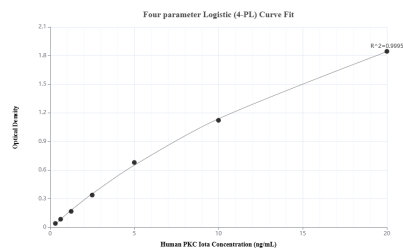
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

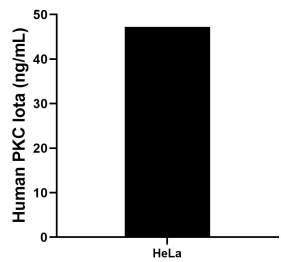
Storage

Storage:
Store at -80°C.
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 MP02074-3, Human PKC Iota Recombinant Matched Antibody Pair - PBS only. 85733-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4990. 85733-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean PKC Iota concentration was determined to be 47.20 ng/mL in HeLa cell extract based on a 3.0 mg/mL extract load.