

IRAK3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00849-4

Capture Antibody Information

Catalog Number: 83876-3-PBS	Clone ID: 240975D2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin-1 receptor-associated kinase 3
Isotype: IgG	GenBank: BC057800	Gene ID: 11213
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4959	

Detection Antibody Information

Catalog Number: 83876-4-PBS	Clone ID: 240975D3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin-1 receptor-associated kinase 3
Isotype: IgG	GenBank: BC057800	Gene ID: 11213
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4959	

Applications

Tested Applications: Sandwich ELISA	Range: 0.781-50 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP00849-4 targets IRAK3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IRAK3 Recombinant antibody, PBS Only (Capture/Detector) 83876-3-PBS (240975D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: IRAK3 Recombinant antibody, PBS Only (Capture/Detector) 83876-4-PBS (240975D3). 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.

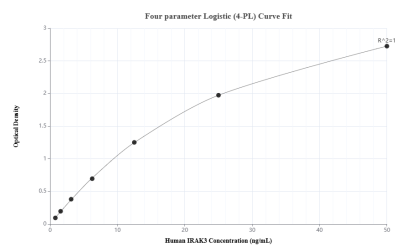
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

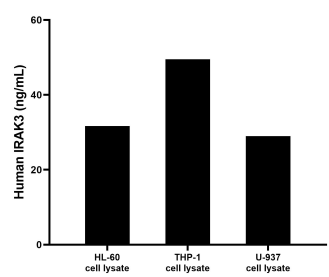
Storage

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 MP00849-4, Human IRAK3 Recombinant Matched Antibody Pair - PBS only. 83876-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4959. 83876-4-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



HL-60, THP-1 and U-937 cell lysates were measured. The human IRAK3 concentration of detected samples was determined to be 31.67 ng/mL (based on a 4.3 mg/mL extract load) in HL-60 cell lysate, 49.51 ng/mL (based on a 4.0 mg/mL extract load) in THP-1 cell lysate and 29.02 ng/mL (based on a 5.4 mg/mL extract load) in U-937 cell lysate.