

IL-4RA/CD124 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01282-4**

Capture Antibody Information

Catalog Number: 84414-7-PBS	Clone ID: 241824F4	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin 4 receptor
Isotype: IgG	GenBank: NM_000418.4	Gene ID: 3566
Purification Method: Protein A purification		

Detection Antibody Information

Catalog Number: 84414-2-PBS	Clone ID: 241824D5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin 4 receptor
Isotype: IgG	GenBank: NM_000418.4	Gene ID: 3566
Purification Method: Protein A purification		

Applications

Tested Applications: Sandwich ELISA	Range: 19.5-1250 pg/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

MP01282-4 targets IL-4RA/CD124 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-4RA/CD124 Recombinant antibody, PBS Only (Capture) 84414-7-PBS (241824F4). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-4RA/CD124 Recombinant antibody, PBS Only (Capture/Detector) 84414-2-PBS (241824D5). 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.

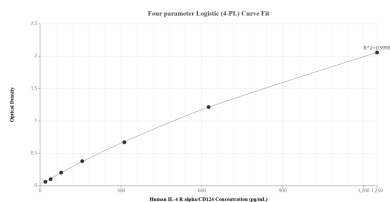
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

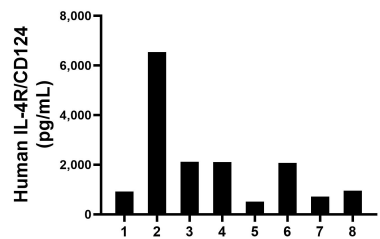
Storage

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

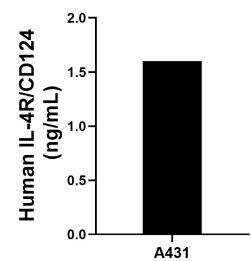
Selected Validation Data



Sandwich ELISA standard curve of MP01282-4, Human IL-4RA/CD124 Recombinant Matched Antibody Pair - PBS only. 84414-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1684. 84414-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Serum of eight individual healthy human donors was measured. The IL-4RA/CD124 concentration of detected samples was determined to be 1,993.2 pg/mL with a range of 517.2-6,543.1 pg/mL



The mean IL-4RA/CD124 concentration was determined to be 1.60 ng/mL in A431 cell extract based on a 1.3 mg/mL extract load.