

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

Catalog Number: **MP01282-4**

## Capture Antibody Information

**Catalog Number:**  
84414-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241824F4  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 4 receptor  
**Gene ID:**  
3566

## Detection Antibody Information

**Catalog Number:**  
84414-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241824D5  
**Reactivity:**  
human  
**GenBank:**  
NM\_000418.4

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 4 receptor  
**Gene ID:**  
3566

## 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.

## 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.

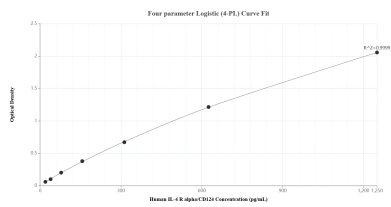
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

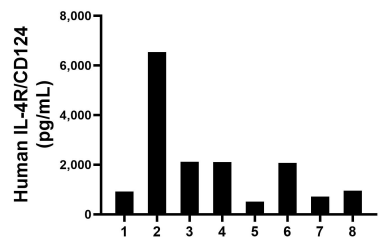
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

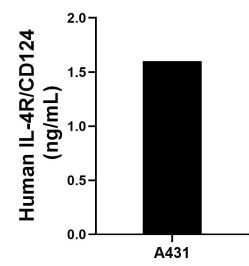
## Selected Validation Data



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.