

For Research Use Only

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

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

Detection antibody: IL-4R/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

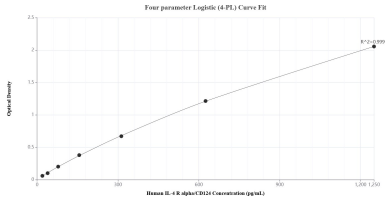
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

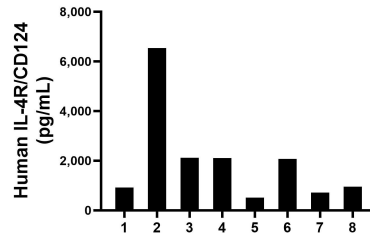
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

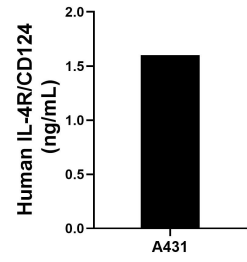
Selected Validation Data



Sandwich ELISA standard curve of MP01282-4, Human IL-4R/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-4R/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-4R/CD124 concentration was determined to be 1.60 ng/mL in A431 cell extract based on a 1.3 mg/mL extract load.