For Research Use Only

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

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:MP01540-3

Capture Antibody Information

Catalog Number:
84758-4-PBS

Clone ID:
242262D4

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
interleukin 4 receptor, alpha

Isotype:
IgG

Gene ID:
16190

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
84758-2-PBS

Clone ID:
242262B6

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
interleukin 4 receptor, alpha

Isotype:
IgG

GenBank:
NM_001008700.3

Gene ID:
16190

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.

Product Information

MP01540-3 targets IL-4RA/CD124 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse IL-4RA/CD124 Recombinant antibody, PBS Only (Capture) 84758-4-PBS (242262D4). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse IL-4RA/CD124 Recombinant antibody, PBS Only (Detector) 84758-2-PBS (242262B6). 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.

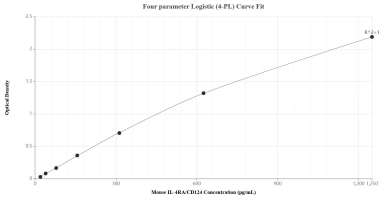
Storage

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

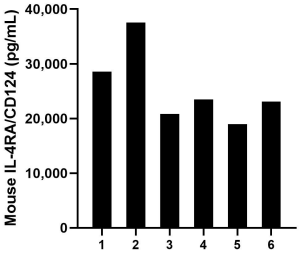
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

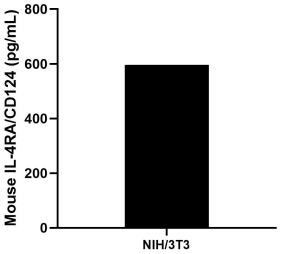
Selected Validation Data



Sandwich ELISA standard curve of MP01540-3, Mouse IL-4RA/CD124 Recombinant Matched Antibody Pair - PBS only. 84758-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2176. 84758-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



Serum of six mice was measured. The IL-4RA/CD124 concentration of detected samples was determined to be 25,406.1 pg/mL with a range of 18,952.0-37,530.7 pg/mL.



The mean IL-4RA/CD124 concentration was determined to be 596.3 pg/mL in NIH/3T3 cell extract based on a 1.5 mg/mL extract load.