For Research Use Only

Mouse IL-4RA/CD124 Recombinant antibody, PBS Only (Detector)

Catalog Number:84758-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84758-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_001008700.3

GeneID (NCBI):
16190

UNIPROT ID:
P16382-1

Full Name:
interleukin 4 receptor, alpha

Calculated MW:
88 kDa

Purification Method:
Protein A purification

CloneNo.:
242262B6

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

84758-2-PBS targets IL-4RA/CD124 as part of a matched antibody pair:

MP01540-1: 84758-3-PBS capture and 84758-2-PBS detection (validated in Cytometric bead array)

MP01540-2: 84758-1-PBS capture and 84758-2-PBS detection (validated in Cytometric bead array)

MP01540-3: 84758-4-PBS capture and 84758-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

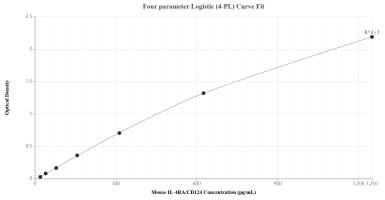
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

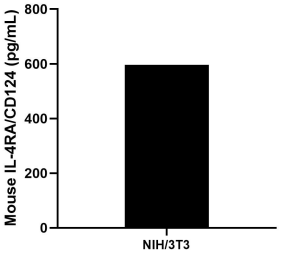
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

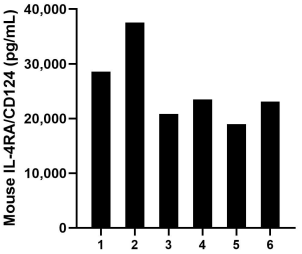
Selected Validation Data



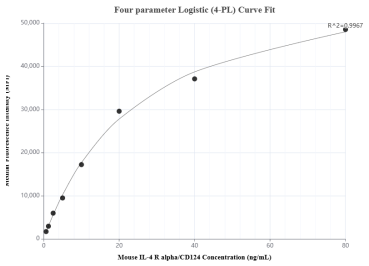
Sandwich ELISA standard curve of MP01540-3, Mouse IL-4RA/CD124 Recombinant Matched Antibody Pair - PBS only. 84758-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2176. 84758-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



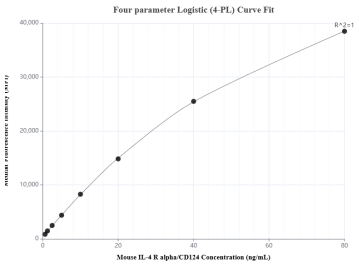
The mean IL-4RA/CD124 concentration was determined to be 596.3 pg/mL in NIH/3T3 cell extract based on a 1.5 mg/mL extract load.



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.



Cytometric bead array standard curve of MP01540-1, MOUSE IL-4RA/CD124 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84758-3-PBS. Detection antibody: 84758-2-PBS. Standard: Eg2176. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP01540-2, MOUSE IL-4RA/CD124 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84758-1-PBS. Detection antibody: 84758-2-PBS. Standard: Eg2176. Range: 0.625-80 ng/mL.