

For Research Use Only

# Mouse IL-4 R alpha/CD124 Recombinant antibody, PBS Only

Catalog Number: 84758-5-PBS



## Basic Information

Catalog Number:

84758-5-PBS

Size:

1 mg/ml

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

Observed MW:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

242262E3

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse

## Background Information

IL-4 receptor alpha chain (IL-4RA), also known as CD124, is a transmembrane glycoprotein expressed on a wide variety of hematopoietic and non-hematopoietic cells. It is a receptor for both IL-4 and IL-13. IL-4RA can complex with the common gamma chain (IL-2R gamma or CD132) and utilizes JAK1 and JAK2 for signal transduction, while complexes of IL-4RA with IL-13RA1 subunit mediate signals via JAK2 and Tyk2. The IL-4 response is involved in promoting Th2 differentiation. The IL-4/IL-13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation.

## 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

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

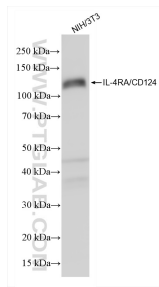
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

## Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84758-5-RR (IL-4 R alpha/CD124 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84758-5-PBS in a different storage buffer formulation.