

For Research Use Only

# IL-4RA/CD124 Monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number: 67051-3-PBS



## Basic Information

Catalog Number: 67051-3-PBS	GenBank Accession Number: NM_000418	Purification Method: Euglobulin precipitation
Size: 1 mg/ml	GeneID (NCBI): 3566	CloneNo.: 3F12E8
Source: Mouse	UNIPROT ID: P24394	
Isotype: IgM	Full Name: interleukin 4 receptor	
Immunogen Catalog Number: AG28411	Calculated MW: 90 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## 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:

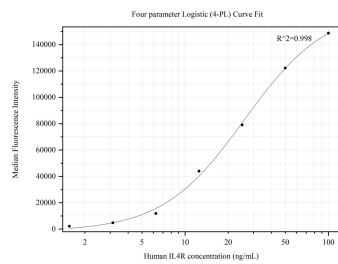
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

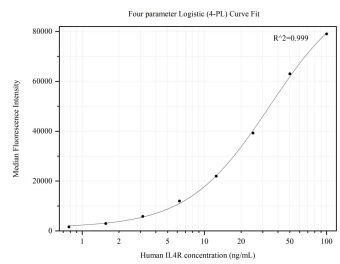
W: [ptgcn.com](http://ptgcn.com)

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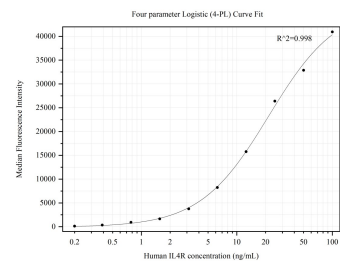
# Selected Validation Data



Cytometric bead array standard curve of MP50242-1, IL4R/IL-4RA/CD124 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67051-3-PBS. Detection antibody: 67051-2-PBS. Standard:Ag28411. Range: 1.563-100 ng/mL



Cytometric bead array standard curve of MP50242-2, IL4R/IL-4RA/CD124 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67051-4-PBS. Detection antibody: 67051-3-PBS. Standard:Ag28411. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP50242-3, IL4R/IL-4RA/CD124 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67051-3-PBS. Detection antibody: 67051-5-PBS. Standard:Ag28411. Range: 0.195-100 ng/mL