



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## IL4R (Human) Matched Antibody Pair

Catalog # : H00003566-AP41

規格 : [ 1 Set ]

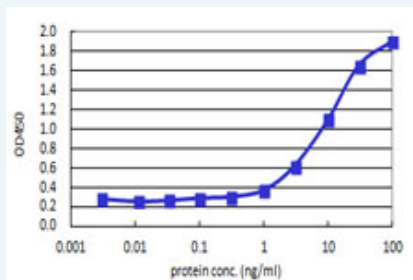
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### Specification

**Product Description:** This antibody pair set comes with matched antibody pair to detect and quantify protein level of human IL4R.

**Reactivity:** Human

**Quality Control Testing:** Standard curve using recombinant protein ( H00003566-Q01 ) as an analyte.



Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.

**Supplied Product:** Antibody pair set content:  
 1. Capture antibody: mouse monoclonal anti-IL4R, IgG2a Kappa (100 ug)  
 2. Detection antibody: biotinylated mouse monoclonal anti-IL4R, IgG2a Kappa (50 ug)  
 \*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

### Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [3566](#)

**Gene Name:** IL4R

**Gene Alias:** CD124,IL4RA

**Gene Description:** interleukin 4 receptor

**Omim ID:** [147050](#), [147781](#), [609423](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes the alpha chain of the interleukin-4 receptor, a type

I transmembrane protein that can bind interleukin 4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded protein can be produced by an alternate splice variant or by proteolysis of the membrane-bound protein, and this soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic variations in this gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitis, asthma, or eczema. Two transcript variants encoding different isoforms, a membrane-bound and a soluble form, have been found for this gene. [provided by RefSeq]

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**Other Designations:** OTTHUMP00000122506,interleukin 4 receptor alpha chain,interleukin-4 receptor alpha chain

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### Gene Pathway

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[Cytokine-cytokine receptor interaction](#) [Hematopoietic cell lineage](#)  
[Jak-STAT signaling pathway](#)

### Related Disease

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[Acquired Immunodeficiency Syndrome](#) [Acute Disease](#) [Adenocarcinoma](#) [Albuminuria](#)  
[Alveolar Bone Loss](#) [Alveolitis](#), [Extrinsic Allergic](#) [Alzheimer Disease](#) [Anemia](#), [Sickle Cell](#)  
[Anemia, sickle cell](#) [Arthritis](#), [Juvenile Rheumatoid Arthritis](#), [Psoriatic Arthritis](#), [Rheumatoid](#)  
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