



# 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) 

## IL7R (Human) Matched Antibody Pair

Catalog # : H00003575-AP21

規格 : [ 1 Set ]

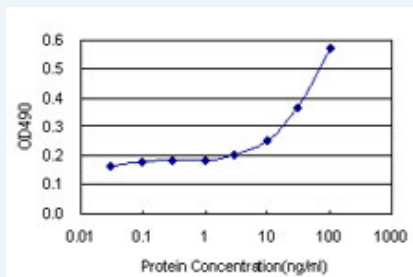
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### Specification

**Product Description:** This antibody pair set comes with matched antibody pair to detect and quantify protein level of human IL7R.

**Reactivity:** Human

**Quality Control Testing:** Standard curve using recombinant protein ( H00003575-P01 ) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

**Supplied Product:** Antibody pair set content:  
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-IL7R (100 ug)  
 2. Detection antibody: mouse purified polyclonal anti-IL7R (20 ug)  
 \*Reagents are sufficient for at least 1-2 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.

**MSDS:**  [Download](#)

### Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [3575](#)

**Gene Name:** IL7R

**Gene Alias:** CD127,CDW127,IL-7R-alpha,IL7RA,ILRA

**Gene Description:** interleukin 7 receptor

**Omim ID:** [146661](#), [600802](#)

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

**Gene Summary:** The protein encoded by this gene is a receptor for interleukine 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukine 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in the V(D)J recombination during lymphocyte development. This protein is also found to control the accessibility of the TCR gamma locus by STAT5 and histone acetylation. Knockout studies in mice suggested that blocking apoptosis is an essential function of this protein during differentiation and activation of T lymphocytes. The functional defects in this protein may be associated with the pathogenesis of the severe combined immunodeficiency (SCID). [provided by RefSeq]

**Other Designations:** CD127 antigen,interleukin 7 receptor alpha chain

### Gene Pathway

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

### Related Disease

[Arthritis, Juvenile Rheumatoid](#) [Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#)  
[Bronchial Hyperreactivity](#) [Carcinoma, Non-Small-Cell Lung](#) [Celiac Disease](#)  
[Dermatitis, Atopic](#) [Diabetes Mellitus, Type 1](#) [Genetic Predisposition to Disease](#)  
[Graft vs Host Disease](#) [Helicobacter Infections](#) [HIV Infections](#)  
[Hyperparathyroidism, Secondary](#) [Kaposi Varicelliform Eruption](#) [Lung Diseases](#)  
[Lung Neoplasms](#) [Lymphoma, Large B-Cell, Diffuse](#) [Lymphomatoid Granulomatosis](#)

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