



# 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

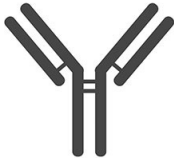
F. +43(0)1 489 3961-7

[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) 

Product Number	ARP54329_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/il4-antibody-middle-region-hrp-arp54329-p050-hrp.html">www.avivasysbio.com/il4-antibody-middle-region-hrp-arp54329-p050-hrp.html</a>
Name	IL4 Antibody - middle region : HRP (ARP54329_P050-HRP)
Protein Size (# AA)	153 amino acids
Molecular Weight	15kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3565
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Interleukin 4
Alias Symbols	BSF1, IL-4, BCGF1, BSF-1, BCGF-1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">TVLRQFYSHHEKDTRCLGATAQQFHRHKQLIRFLKRLDRNLWGLAGLNSC</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Pachkoria,K., (2008) J. Hepatol. 49 (1), 107-114
Description of Target	IL4 is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
Protein Interactions	IL13; IL4; PIK3CD; IL2RG; IL13RA2; CD53; IL4R; A2M;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-IL4 (ARP54329_P050-HRP) antibody</a>
Blocking Peptide	For anti-IL4 (ARP54329_P050-HRP) antibody is <a href="#">Catalog # AAP54329</a> (Previous Catalog # AAPP31077)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IL4
Uniprot ID	<a href="#">P05112</a>
Protein Name	Interleukin-4
Protein Accession #	<a href="#">NP_000580</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_000589</a>
Gene Symbol	<a href="#">IL4</a>
Predicted Species Reactivity	Human
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%
<b>Image 1</b>	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.

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AVIVA SYSTEMS BIOLOGY  
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)