



# 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

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Product Number	ARP59105_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/cd4-antibody-c-terminal-region-biotin-arp59105-p050-biotin.html">www.avivasysbio.com/cd4-antibody-c-terminal-region-biotin-arp59105-p050-biotin.html</a>
Name	CD4 Antibody - C-terminal region : Biotin (ARP59105_P050-Biotin)
Protein Size (# AA)	458 amino acids
Molecular Weight	48kDa
Conjugation	Biotin
NCBI Gene Id	920
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	CD4 molecule
Alias Symbols	IMD79, OKT4D, CD4mut
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">VLGGVAGLLLFIGLGIFFCYRCRHRRRQAERMSQIKRLLSEKKTQCQPHR</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene.
Protein Interactions	env; RANBP9; vpu; ADRB2; UBC; CXCR4; UBL7; ABCB1; INPPL1; VCP; HGS; LCK; NR3C1; STUB1; TUBB; MYL12A; DHRS2; LRPPRC; FARSB; EIF3I; EIF3D; EIF3C; EIF3B; VIM; VDAC3; VDAC2; VDAC1; SSRP1; RPS19; RPS12; RPS10; RPS9; RPLP1; RPLP0; RPL22; RPL18; RPL7; PHB; NPM1;
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-CD4 (ARP59105_P050-Biotin) antibody</a>
Blocking Peptide	For anti-CD4 (ARP59105_P050-Biotin) antibody is <a href="#">Catalog # AAP59105</a> (Previous Catalog # AAPP45323)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CD4
Uniprot ID	<a href="#">P01730</a>
Protein Name	T-cell surface glycoprotein CD4
Protein Accession #	<a href="#">NP_000607</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_000616</a>
Gene Symbol	<a href="#">CD4</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%

**Image 1**



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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