



# SZABO SCANDIC

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## 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

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<b>Product Number</b>	ARP59041_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/tlr4-antibody-middle-region-fitc-arp59041-p050-fitc.html">www.avivasysbio.com/tlr4-antibody-middle-region-fitc-arp59041-p050-fitc.html</a>
<b>Name</b>	TLR4 Antibody - middle region : FITC (ARP59041_P050-FITC)
<b>Protein Size (# AA)</b>	839 amino acids
<b>Molecular Weight</b>	93kDa
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	7099
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Toll-like receptor 4
<b>Alias Symbols</b>	TOLL, CD284, TLR-4, ARMD10
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">LGEFRNEGNLEKFDKSALEGLCNLTIEEFRLAYLDYYLDDIIDLFNCLTN</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Description of Target</b>	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from <i>Drosophila</i> to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This receptor is most abundantly expressed in placenta, and in myelomonocytic subpopulation of the leukocytes. It has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Also, several transcript variants of this gene have been found, but the protein coding potential of most of them is uncertain.
<b>Protein Interactions</b>	TNFSF9; SRC; SYK; SMAD3; SERTAD1; BTK; TICAM1; HGS; UBC; HSPA4; TICAM2; STK11IP; TIRAP; TRAF3; TRIM69; IRAK4; TBK1; STUB1; TRAF6; PRKCZ; MYD88; IRAK1; HSPA8; RNF216; CNPY4; SIGIRR; MAPK8IP3; NOX4; TOLLIP; LY96; BCL10; RIPK2; IRAK2; TLR5; DEFB4A; TLR1; HSP
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-TLR4 (ARP59041_P050-FITC) antibody</a>
<b>Blocking Peptide</b>	For anti-TLR4 (ARP59041_P050-FITC) antibody is <a href="#">Catalog# AAP59041</a> (Previous Catalog# AAPP45034)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human TLR4
<b>Uniprot ID</b>	<a href="#">O00206</a>
<b>Protein Name</b>	Toll-like receptor 4
<b>Protein Accession #</b>	<a href="#">NP_612564</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_138554</a>
<b>Gene Symbol</b>	<a href="#">TLR4</a>
<b>Predicted Species Reactivity</b>	Human, Pig
<b>Application</b>	IHC, WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%; Pig: 86%
<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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