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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP59036_P050-Biotin
Product Page	www.avivasysbio.com/tlr2-antibody-middle-region-biotin-arp59036-p050-biotin.html
Name	TLR2 Antibody - middle region : Biotin (ARP59036_P050-Biotin)
Protein Size (# AA)	784 amino acids
Molecular Weight	90kDa
Conjugation	Biotin
NCBI Gene Id	7097
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Toll-like receptor 2
Alias Symbols	TIL4, CD282
Peptide Sequence	Synthetic peptide located within the following region: VSGMCCALFLILLTGVLCHRHFGLWYMKMMWAWLQAKRKPRKAPSRNIC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	TLR2 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 gene is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.
Protein Interactions	ATG16L1; IRF3; CREBBP; CLEC7A; CLEC4M; TIRAP; MAPK8IP3; TICAM1; TOLLIP; TLR10; TLR6; LY96; RIPK2; TRIP6; MYD88; RAC1; TLR1; IRAK1; HSP90B1; HRAS; SFTPA1; PIK3R1; HMGB1; CD14; TLR2;
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 anti-TLR2 (ARP59036_P050-Biotin) antibody
Blocking Peptide	For anti-TLR2 (ARP59036_P050-Biotin) antibody is Catalog# AAP59036 (Previous Catalog# AAPP44994)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TLR2
Uniprot ID	O60603
Protein Name	Toll-like receptor 2
Protein Accession #	NP_003255
Purification	Affinity Purified
Nucleotide Accession #	NM_003264
Gene Symbol	TLR2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Horse, Pig, Rabbit, Sheep
Application	IF, WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 93%; Goat: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Pig: 86%; Rabbit: 79%; Rat: 79%; Sheep: 86%

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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