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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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| | |
|--|--|
| Product Number | ARP59037_P050-Biotin |
| Product Page | www.avivasysbio.com/tlr2-antibody-n-terminal-region-biotin-arp59037-p050-biotin.html |
| Name | TLR2 Antibody - N-terminal region : Biotin (ARP59037_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: EIDASDLQSYEPKSLKSIQNVSHLILHMKQHILLLEIFVDVTSSVECLEL |
| 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 Drosophila 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 (ARP59037_P050-Biotin) antibody |
| Blocking Peptide | For anti-TLR2 (ARP59037_P050-Biotin) antibody is Catalog# AAP59037 (Previous Catalog# AAPP45030) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal 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, Rat, Dog |
| Application | IHC, WB |
| Predicted Homology Based on Immunogen Sequence | Dog: 86%; Human: 100%; Rat: 79% |

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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