

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TLR4 (S441) Peptide

Cat No.: BS3489P

Background

Toll like receptors (TLR) are highly conserved throughout evolution and have been implicated in the innate defense to many pathogens. In *Drosophila* toll is required for the anti fungal response, while the related 18 wheeler is involved in antibacterial defenses. In mammals, TLR identified as type I transmembrane signaling receptors with pattern recognition capabilities have been implicated in the innate host defense to pathogens. TLR4 has been identified next to MD2 and CD14 as a receptor that is central to the innate immune response to lipopolysaccharides (LPS) of Gram negative bacteria.

Swiss-Prot

O00206

Applications

Blocking

Specificity

This peptide can be used with studies using BS3489 TLR4 (S441) pAb.

Purification & Purity

Synthetic peptide TLR4 (S441). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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