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11-3039: Polyclonal Antibody to Mouse TLR4

Clonality :	Polyclonal
Application :	WB
Reactivity :	Mouse
Gene :	Tlr4
Gene ID :	21898
Uniprot ID :	Q9QUK6
Format :	Purified
Alternative Name :	Toll-like receptor 4, CD284
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant m TLR4 protein (amino acids 400-650) was used as the immunogen for this antibody.

Description

TLR4 (Toll-like receptor-4) is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. It primarily mediates cellular signaling induced by Gram negative bacteria. TLR4 is highly specific for LPS and it is associated with CD14, a co-receptor for LPS. The downstream signaling pathway of TLR4 leads to the activation of NF-kappaB through myeloid differentiation protein (MyD88) and IL-1 receptor-associated kinase in various cell types.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 µg/ml

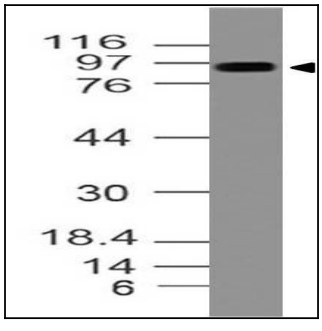


Figure-1:Western blot analysis of mTLR4. Anti- mTLR4 antibody (11-3039) was used at 2 µg/ml on m Colon lysate.

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