SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-TLR4 Monoclonal Antibody

Catalog Number: SLA1130M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1, k
Clonality:	Monoclonal
Clone No.:	1G12
GeneID:	21898
SWISS:	Q9QUK6
Target:	TLR4
Immunogen:	KLH conjugated synthetic peptide derived from mouse TLR4
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	90 kDa
Subcellular Location:	Cytoplasm
Background:	The Toll-like receptor 4 by activating natural immunity, specific immune response involved in the start-up, Toll-like receptor 4 as an important signal transduction transmembrane receptor involved in the toxin-induced inflammation in the pathological process, its mechanisms of control On a growing concern. all regions were either double-stranded or sequenced with an alternatechemistry or covered by high quality data(i.e., phred quality >=30); an attempt was made to resolve all sequencing problems, such as compressions and repeats; all regions were covered by at least one subclone; and the assembly was confirmed by restriction digest, except on the rare occasion of the clone being a YAC. The following abbreviations are used to associate primary accession numbers given in the feature table with their source

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	databases: Em:, EMBL; Sw:, SWISSPROT; Tr:, TREMBL; Wp:, WORMPEP; Information on the WORMPEP database can be found at. TLR-4 plays an important role in microvascular leakage and leukocyte adhesion under the inflammatory condition associated with nonseptic thermal injury.

[VALIDATION IMAGES]

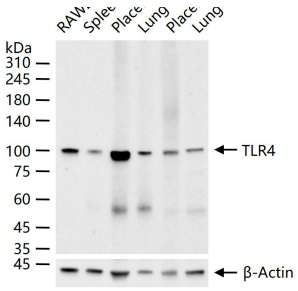


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with TLR4 monoclonal antibody, unconjugated (SLA1130M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

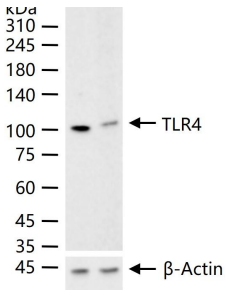


Figure 2. THP-1 (H) cells were treated with or without TPA (80 nM) for 18 h, incubated in fresh medium for 48 h, and LPS (5 μg/mL) for 18 h, 25 μg total protein per lane of cell lysates (see on figure) probed with TLR4 monoclonal antibody, unconjugated (SLA1130M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

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