

Anti-TLR4 Antibody (1M331)

Product Details

Ig Type:	IgG1, k
Reactivity:	Mouse,Human,Rat
Molecular Weight:	Theoretical: 90 kDa. Actual: 100 kDa.
Clone:	1M331
Purification:	Protein G purified

Applications

Verified Activity:	<p>1. 25 ug total protein per lane of various lysates (see on figure) probed with TLR4 monoclonal antibody, unconjugated (TMAB-13571) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>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 (TMAB-13571) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB
Recommended	WB=1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: mouse TLR4
Antigen Species:	Mouse
Gene ID:	21898
Uniprot ID:	Q9QUK6

Research 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 alternate chemistry 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 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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