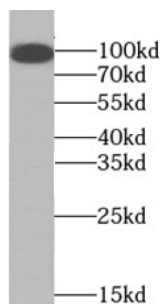
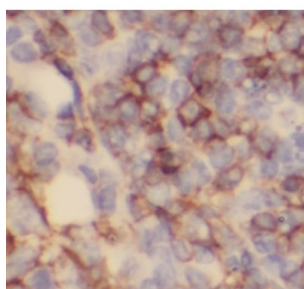


Toll Like Receptor 4 (TLR4) Antibody

Catalogue No.: abx239893



WB analysis of RAW 264.7 cells, using TLR4 antibody (1/4000 dilution).



IHC-P analysis of human tonsillitis tissue, using TLR4 antibody (1/200 dilution).

Toll Like Receptor 4 (TLR4) Antibody is a Mouse Monoclonal antibody for the detection of TLR4.

TLR4, also named as CD284, belongs to the Toll-like receptor family. TLR4 cooperates with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). TLR4 acts via MYD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Three alternatively spliced transcript variants that encode different protein isoforms have been described.

Target: Toll Like Receptor 4 (TLR4)

Clonality: Monoclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC

Host: Mouse

Recommended dilutions: WB: 1/1000 - 1/8000, IHC: 1/50 - 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: toll-like receptor 4

Isotype: IgG_{2b}

Datasheet

Version: 2.0.0
Revision date: 06 Sep 2025



Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by Protein A and Protein G affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	O00206 (UniProt , ExPASy)
Gene Symbol:	TLR4
GeneID:	7099
OMIM:	603030
HGNC:	11850
Ensembl:	ENSG00000136869
Molecular Weight:	Observed MW: 100 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.