

Rabbit anti-Human TLR4 Polyclonal Antibody | anti-TLR4 antibody

TLR4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39778	Rabbit	Human	Immunocytochemistry, Western Blot, ELISA

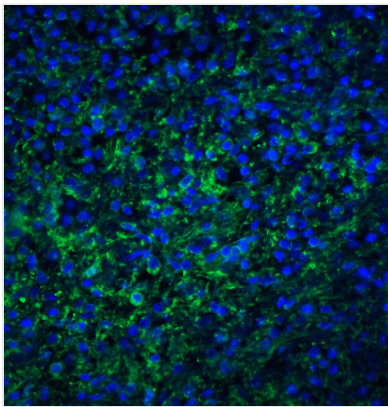
PRODUCT SYNONYMS

TLR4; Polyclonal Antibody; TLR4 Antibody; TOLL; CD284; TLR-4; ARMD10; Toll-like receptor 4; hToll; toll-like receptor 4; anti-TLR4 antibody

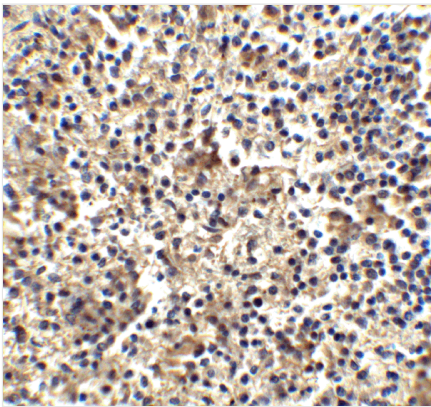
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TLR4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	839
Applicable Applications for anti-TLR4 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TLR4 antibody was raised against a peptide corresponding to 15 amino acids near the amino-terminus of human TLR4.
Buffer	TLR4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TLR4 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

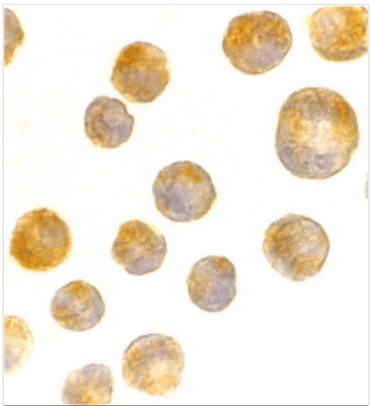
IMAGES



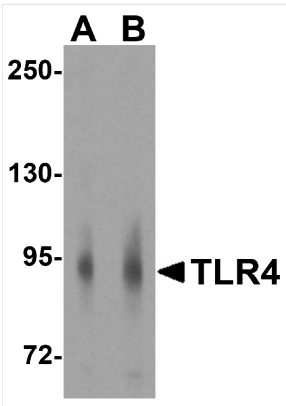
IF (Immunofluorescence)
Immunofluorescence of TLR4 in human spleen tissue with TLR4 antibody at 20 μ g/ml. Green: TLR4 Antibody (3141) Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of TLR4 in human spleen tissue with TLR4 antibody at 2.5 μ g/ml.



ICC (Immunocytochemistry)
Immunocytochemistry of TLR4 in K562 cells with TLR4 antibody at 2 μ g/ml.



WB (Western Blot)
Western blot analysis of TLR4 in human small intestine lysate with TLR4 antibody at (A) 2 and (B) 4 μ g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR4 antibody	TLR4 Antibody: Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors such as Protein Kinase C (PKC) α /beta and NF- κ B. Studies with TLR4-deficient mice indicate that the main ligand for TLR is lipopolysaccharide. Consequently, these mice also showed increased susceptibility to Gram-negative sepsis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19924149
NCBI GeneID	7099
NCBI Accession #	NP_612564
NCBI GenBank Nucleotide #	NM_138554.4
UniProt Accession #	O00206; Q5VZI8; Q5VZI9; Q9UK78; Q9UM57; A8K1Y8; A9XLP9; A9XLQ0; A9XLQ1; B4E194; D1CS52; D1CS53
Molecular Weight	73,301 Da
NCBI Official Full Name	toll-like receptor 4 isoform A
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	TLR4

NCBI Official Synonym Symbols	TOLL; CD284; TLR-4; ARMD10
NCBI Protein Information	toll-like receptor 4; hToll; homolog of Drosophila toll
UniProt Protein Name	Toll-like receptor 4
UniProt Gene Name	TLR4
UniProt Entry Name	TLR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tlr4-antibody-immunocytochemistry-western-blot-elisa/39778>