

Rabbit TLR9 Polyclonal Antibody | anti-TLR9 antibody

TLR9 Antibody

CATALOG # AAA39779	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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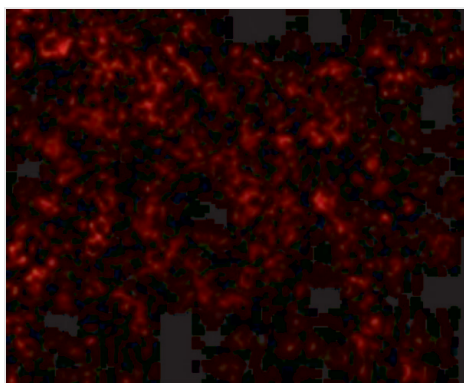
PRODUCT SYNONYMS

TLR9; Polyclonal Antibody; TLR9 Antibody; CD289; Toll-like receptor 9; toll-like receptor 9; anti-TLR9 antibody

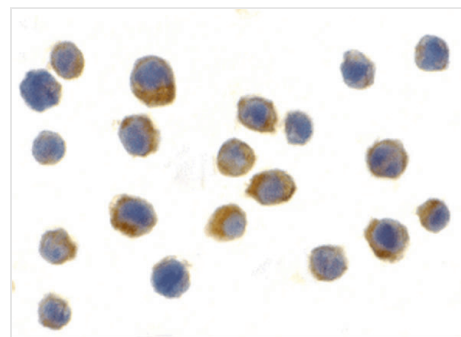
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of TLR9 are known to exist; this antibody will detect both isoforms. TLR9 antibody is predicted to not cross-react with other TLR proteins.
Purity/Purification	TLR9 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1032
Applicable Applications for anti-TLR9 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TLR9 antibody was raised against a peptide corresponding to 15 amino acids near the center of human TLR9.
Buffer	TLR9 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

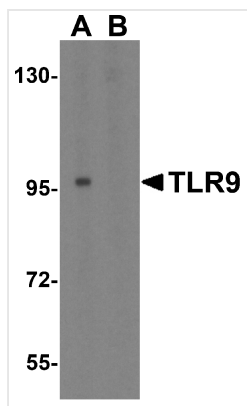
IMAGES


IF (Immunofluorescence)

Immunofluorescence of TLR9 in Mouse Spleen tissue with TLR9 antibody at 10 µg/mL.


ICC (Immunocytochemistry)

Immunocytochemistry of TLR9 in Jurkat cells with TLR9 antibody at 2 µg/mL.



WB (Western Blot)

Western blot analysis of TLR9 in Jurkat cell lysate with TLR9 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide

ADDITIONAL INFORMATION

Related Product Information for anti-TLR9 antibody

TLR9 Antibody: Toll-like receptors (TLRs) are evolutionarily conserved pattern-recognition molecules resembling the toll proteins that mediate antimicrobial responses in *Drosophila*. These proteins recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. TLR9 forms a subfamily along with TLR7 and TLR8 that recognize viral RNA and CpG DNA sequences and are localized in intracellular acidic compartments such as the phagolysosome. Unlike other TLRs which act through adaptor molecules such as TOLLIP, TIRAP, TRIF, and MyD88 to activate various kinases and transcription factors to respond to potential infection, TLR9 is strictly dependent on MyD88.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21595773
NCBI GeneID	54106
UniProt Accession #	Q9NR96; Q6UVZ2; Q9HD68; Q9HD69; Q9HD70; Q9NYC2; Q9NYC3; B3Y661; D1CS56
Molecular Weight	Predicted: 104; 111 kDa Observed: 94 kDa
NCBI Official Full Name	Toll-like receptor 9
NCBI Official Synonym Full Names	toll-like receptor 9
NCBI Official Symbol	TLR9
NCBI Official Synonym Symbols	CD289
NCBI Protein Information	toll-like receptor 9
UniProt Protein Name	Toll-like receptor 9
UniProt Gene Name	TLR9
UniProt Entry Name	TLR9_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://www.aaabiotech.com/polyclonal/tlr9-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39779>