Rabbit anti-Human, Mouse TLR3 Polyclonal Antibody | anti-TLR3 antibody

TLR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10938	**Rabbit**	**Human, Mouse**	**ELISA, Western Blot, Immunocytochemistry, Immunofluorescence**

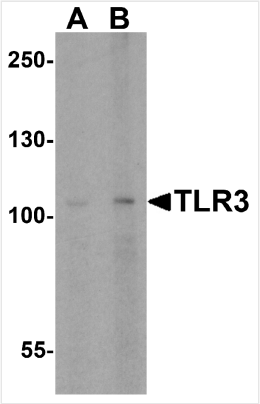
PRODUCT SYNONYMS

TLR3; Polyclonal Antibody; TLR3 Antibody; CD283; IIAE2; Toll-like receptor 3; toll-like receptor 3; anti-TLR3 antibody

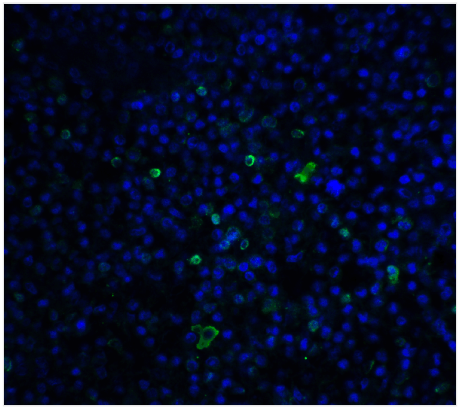
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TLR3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	904
Applicable Applications for anti-TLR3 antibody	ELISA, WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Application Notes	TLR3 antibody can be used for detection of TLR3 by Western blot at 1 to 2 mug/mL. Antibody can also be used for immunocytochemistry starting at 1 mug/mL. For immunofluorescence start at 10 mug/mL.
Conjugate	Unconjugated
Immunogen	TLR3 antibody was raised against a peptide corresponding to 15 amino acids near the carboxy terminus of human TLR3.
Buffer	TLR3 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.

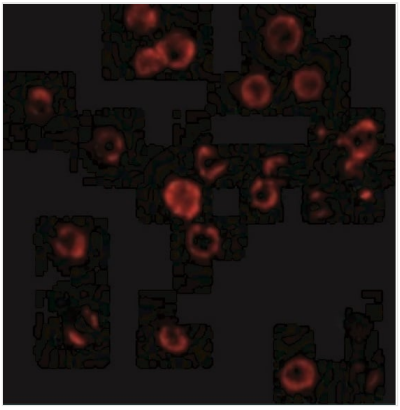
IMAGES



WB (Western Blot)
Western blot analysis of TLR3 expression in mouse spleen tissue lysate with TLR3 antibody at (A) 0.5 and (B) 1 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of TLR3 in human spleen tissue with TLR3 antibody at 20 μg/ml.Green: TLR3 Antibody (3643)Blue: DAPI staining



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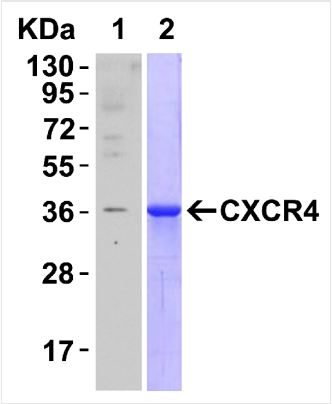
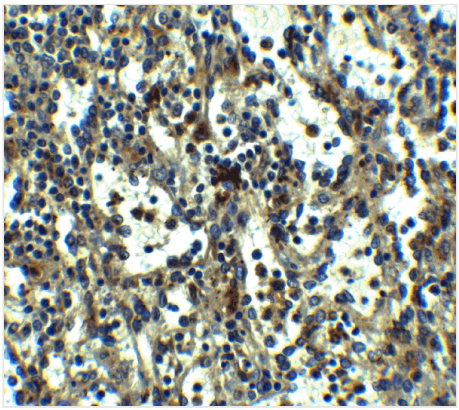
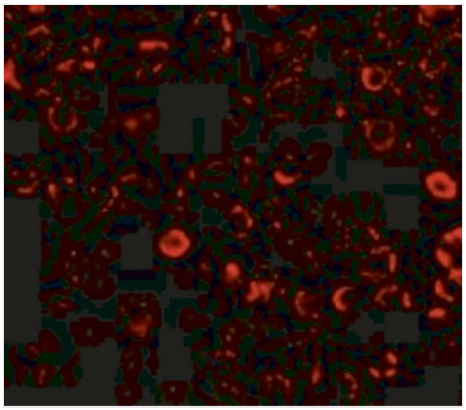


IHC (Immunohistochemistry)
Immunohistochemistry of TLR3 in mouse spleen tissue with TLR3 antibody at 2 μg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of TLR3 in human spleen tissue with TLR3 antibody at 5 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of TLR3 in El4 cells with TLR3 antibody at 10 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR3 antibody	TLR3 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. The TLRs act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors so the organism can respond to potential infection. TLR3 is known to recognize viral double-stranded (ds) RNA, a molecular pattern associated with viral infection. Recently it has been shown to recognize viruses such as Influenza A and West Nile Virus and can mediate entry of at least West Nile Virus.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20140422
NCBI GeneID	7098
UniProt Accession #	O15455; Q4VAL2; Q504W0; B2RAI7; B7Z7K0; E6Y0F0; E6Y0F1; E9PGH4
Molecular Weight	99 kDa
NCBI Official Full Name	Toll-like receptor 3
NCBI Official Synonym Full Names	toll-like receptor 3
NCBI Official Symbol	TLR3
NCBI Official Synonym Symbols	CD283; IIAE2
NCBI Protein Information	toll-like receptor 3
UniProt Protein Name	Toll-like receptor 3
UniProt Gene Name	**TLR3**
UniProt Entry Name	TLR3_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/tlr3-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/10938