

Rabbit anti-Human, Mouse TLR6 Polyclonal Antibody | anti-TLR6 antibody

TLR6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39504	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

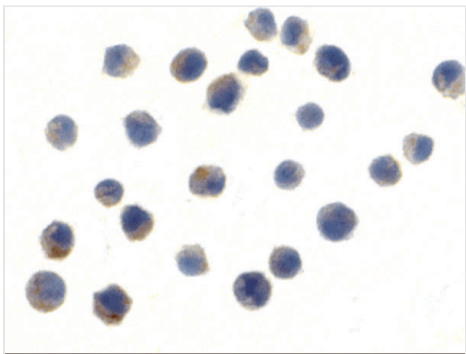
PRODUCT SYNONYMS

TLR6; Polyclonal Antibody; TLR6 Antibody; CD286; Toll-like receptor 6; toll-like receptor 6; anti-TLR6 antibody

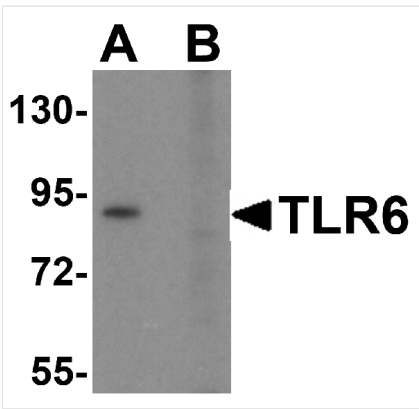
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TLR6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	796
Applicable Applications for anti-TLR6 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TLR6 antibody was raised against a peptide corresponding to 15 amino acids near the amino terminus of human TLR6.
Buffer	TLR6 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TLR6 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



ICC (Immunocytochemistry)
Immunocytochemistry of TLR6 in Jurkat cells with TLR6 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of TLR6 in Daudi cell lysate with TLR6 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR6 antibody	TLR6 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. TLR6 was first identified as a close homolog of TLR1, sharing 69% sequence identify. Like TLR1, TLR6 can form heterodimers with TLR2, and these TLR6:TLR2 dimers coordinate macrophage activation by Gram-positive bacteria and the yeast cell wall particle zymosan. Activation of these complexes not only initiates pro-inflammatory cascades, but also can lead to apoptotic responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20143971
NCBI GeneID	10333
NCBI Accession #	NP_006059
NCBI GenBank Nucleotide #	NM_006068.4
UniProt Accession #	Q9Y2C9; Q2NKL3; B3Y640; B6CH35; B6RFS4; B6RFS5
Molecular Weight	55,828 Da
NCBI Official Full Name	toll-like receptor 6
NCBI Official Synonym Full Names	toll-like receptor 6
NCBI Official Symbol	TLR6
NCBI Official Synonym Symbols	CD286
NCBI Protein Information	toll-like receptor 6
UniProt Protein Name	Toll-like receptor 6
UniProt Gene Name	TLR6
UniProt Entry Name	TLR6_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.