

## Rabbit anti-Human TLR6 Polyclonal Antibody | anti-TLR6 antibody

TLR6 Antibody

|                              |                       |                            |                                                                  |
|------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA39908</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

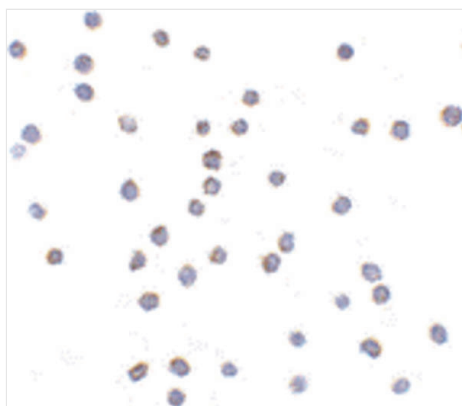
### PRODUCT SYNONYMS

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

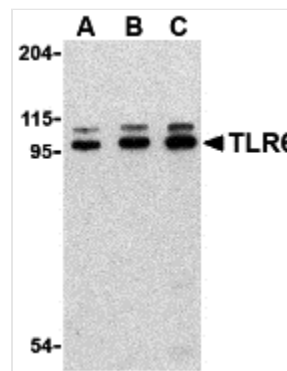
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                     |
| Reactivity                                     | Human                                                                                                                                                                                                                                                      |
| 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 | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                                                       |
| Conjugate                                      | Unconjugated                                                                                                                                                                                                                                               |
| Immunogen                                      | TLR6 antibody was raised against a peptide corresponding to 13 amino acids near the center 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 2 &amp;#956;g/mL.


**WB (Western Blot)**

Western blot analysis of TLR6 in Jurkat cell lysate with TLR6 antibody at (A) 0.5, (B) 1 and (C) 2 &amp;#956;g/mL.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| 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. |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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.