



[Go to Product page](#)

Datasheet for ABIN500948
anti-TLR3 antibody (C-Term)

3 Images

Overview

Quantity:	0.1 mg
Target:	TLR3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TLR3 antibody was raised against a peptide corresponding to 15 amino acids near the carboxy terminus of human TLR3.
Isotype:	IgG
Specificity:	This antibody detects CD283 / TLR3 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse.
Purification:	Ion exchange chromatography

Target Details

Target:	TLR3
Alternative Name:	CD283 / TLR3 (TLR3 Products)

Target Details

Background: 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 (1,2). The TLRs act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors (3) 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 (4). Recently it has been shown to recognize viruses such as Influenza A (5) and West Nile Virus and can mediate entry of at least West Nile Virus (6).
Synonyms: Toll-like receptor 3

Gene ID: 7098

UniProt: [O15455](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: ELISA. Western blot: 1 to 2 µg/mL. Immunofluorescence.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS, 0.02 % Sodium Azide

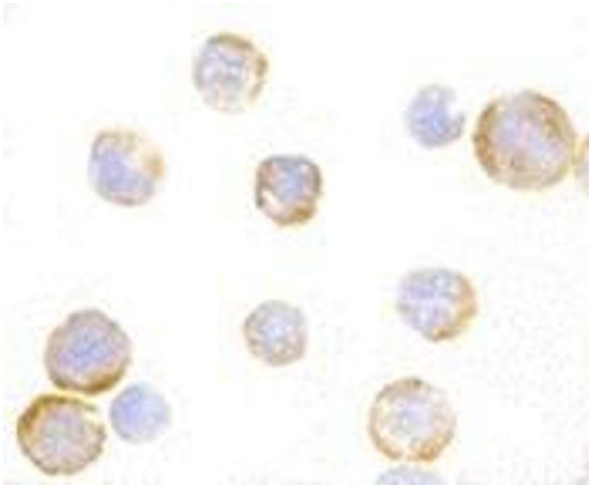
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

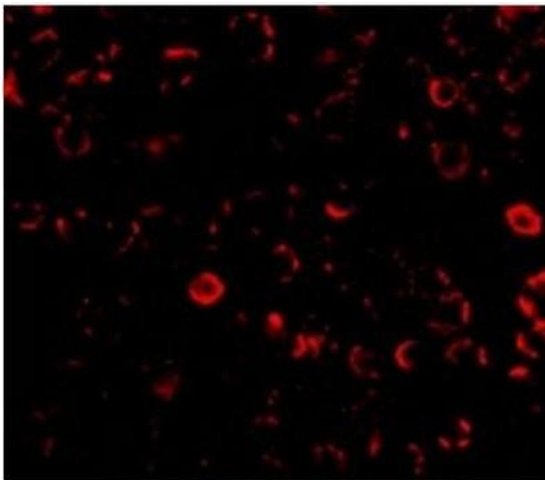
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



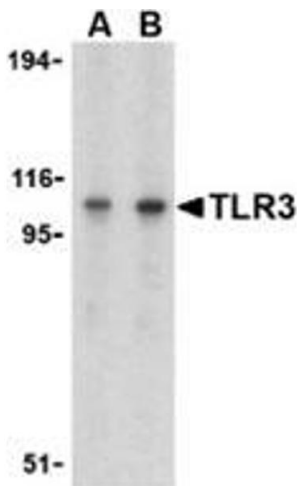
Immunofluorescence

Image 1. Immunocytochemistry of TLR3 in EL4 cells with CD283 / TLR3 antibody at 1 µg/ml.



Immunofluorescence

Image 2. Immunofluorescence of TLR3 in EL4 cells with CD283 / TLR3 antibody at 10 µg/ml.



Western Blotting

Image 3. Western blot analysis of TLR3 in Daudi cell lysate with CD283 / TLR3 antibody at (A) 1 and (B) 2 µg/ml.