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Datasheet for ABIN500964 anti-TLR8 antibody (Middle Region)

3 Images



Overview

Quantity:	0.1 mg
Target:	TLR8
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TLR8 antibody was raised against a peptide corresponding to 16 amino acids near the middle of human TLR8.
Isotype:	lgG
Specificity:	This antibody detects CD288 / TLR8 at center.
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse.
Purification:	Peptide affinity chromatography

Target Details

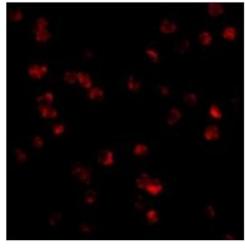
Target:	TLR8
Alternative Name:	CD288 / TLR8 (TLR8 Products)

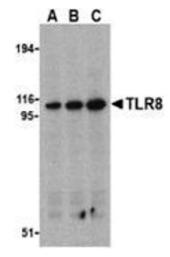
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Target Details	
Background:	Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses (1-3). These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors (4,5). Like TLR7, TLR8 is localized to endosomal or lysosomal compartments (6) and stimulates the innate immune response after activation by guanosine- and uridine-rich single-stranded RNA (7). Human but not murine TLR8 confers responsiveness to the antiviral compound R-848 (8).Synonyms: Toll-like receptor 8, UNQ249/PR0286
Gene ID:	51311
NCBI Accession:	NP_619542
Pathways:	TLR Signaling, Activation of Innate immune Response, Toll-Like Receptors Cascades
Application Details	
Application Notes: Restrictions:	ELISA. Western blot: 0.5 to 2 µg/mL. Immunoflourescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. 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.

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Immunofluorescence

Image 1. Immunocytochemistry of TLR8 in Daudi cells with this product at $2 \mu g/ml$.

Immunofluorescence

Image 2. Immunofluorescence of TLR8 in Daudi cells with TLR8 antibody at 10 μ g/ml.

Western Blotting

Image 3. Western blot analysis of TLR8 in Daudi cell lysates with this product at (A) 0.5, (B) 1, and (C) $2 \mu g/ml$.

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