

Anti-Toll-like receptor 8 TLR8 Antibody

Catalog Number: A01541-1

About TLR8

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. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors. Like TLR7, TLR8 is localized to endosomal or lysosomal compartments and stimulates the innate immune response after activation by guanosine- and uridine-rich single-stranded RNA. Human but not murine TLR8 confers responsiveness to the antiviral compound R-848.

Overview

Product Name	Anti-Toll-like receptor 8 TLR8 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Toll-like receptor 8 TLR8 Antibody (Catalog # A01541-1). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	TLR8 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TLR8 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NR97

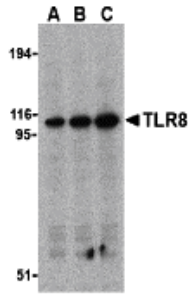
Technical Details

Immunogen	TLR8 antibody was raised against a peptide corresponding to 16 amino acids near the middle of human TLR8. The immunogen is located within amino acids 790 - 840 of TLR8.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TLR8 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TLR8 antibody can be used for detection of TLR8 by Western blot at 0.5 to 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 2 ug/mL. For immunofluorescence start at 10

ug/mL.

Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

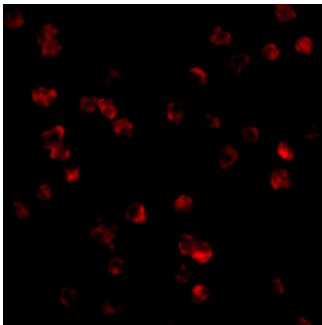
Anti-Toll-like receptor 8 TLR8 Antibody (A01541-1) Images



Western blot analysis of TLR8 in Daudi cell lysates with TLR8 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.



Immunocytochemistry of TLR8 in Daudi cells with TLR8 antibody at 2 ug/mL.



Immunofluorescence of TLR8 in Daudi cells with TLR8 antibody at 10 ug/mL.

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