

TLR7 Antibody

Catalog No: #24228

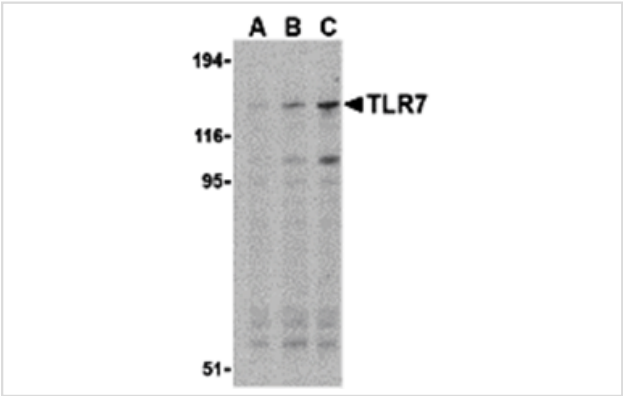


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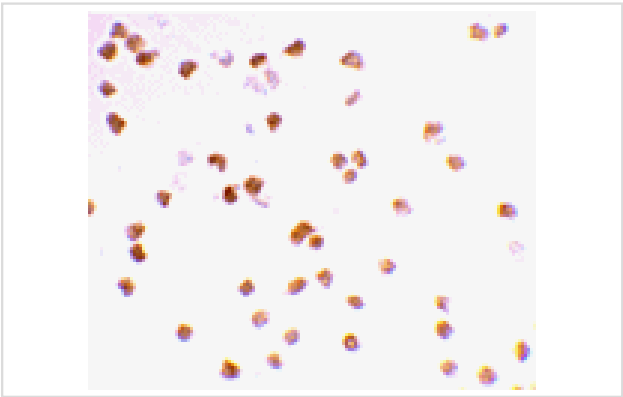
Description

Product Name	TLR7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Ion exchange chromatography purified
Applications	ELISA WB ICC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 14 amino acids near the middle of mouse TLR7.
Target Name	TLR7
Accession No.	Swiss-Prot:P58681Gene ID:170743
Uniprot	P58681
GeneID	170743;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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



Western blot analysis of TLR7 in Daudi cell lysates with TLR7 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.



Immunocytochemistry staining of Daudi cells using TLR7 antibody at 2 ug/mL.

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. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors. TLR7, like TLRs 3, 8, and 9, is localized in intracellular acidic compartments such as the phagolysosome and will recognize some single-stranded RNA viruses such as vesicular stomatitis virus (VSV) and influenza virus. Activation of TLR7 by VSV results in stimulation of the immune response including IFN α secretion, suggesting the importance of TLR7 in virus recognition.

Note: This product is for in vitro research use only