

Rabbit TLR7 Polyclonal Antibody | anti-TLR7 antibody

Rabbit Polyclonal (IgG) to Human TLR7

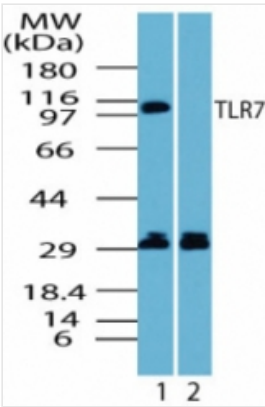
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52152	Rabbit	Chimpanzee, Human, Monkey	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

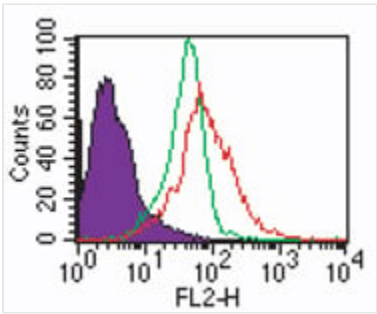
TLR7; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human TLR7; Anti-TLR7 Antibody (aa900-950) IHC-plus; Toll-like receptor 7; Human TLR7; anti-TLR7 antibody

PRODUCT SPECIFICATIONS

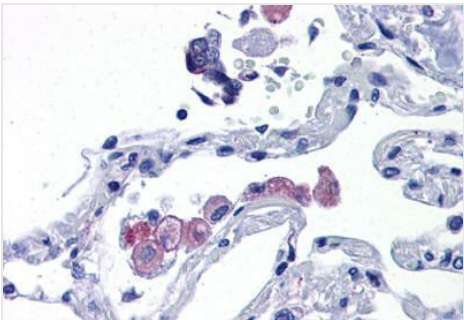
Host	Rabbit
Reactivity	Chimpanzee, Human, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	A portion of amino acids 900-950 of human TLR7
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.2% gelatin, 0.05% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	1049
Applicable Applications for anti-TLR7 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human TLR7.
Immunogen Type	Synthetic peptide
Immunogen	TLR7 antibody was raised against synthetic peptide from human TLR7.
Antigen Modification	aa900-950
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.



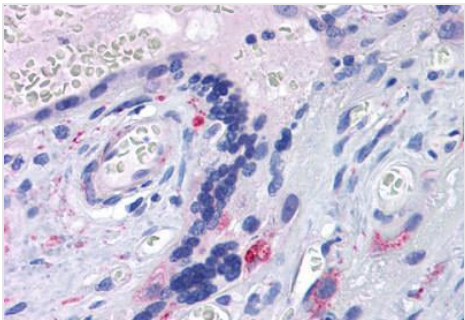
WB (Western Blot)
Western blot of human TLR7 in Ramos cell lysate in the 1) absence and 2) presence of immunizing peptide using antibody at 1 ug/ml.



FCM/FACS (Flow Cytometry)
Intracellular staining by FACS analysis of TLR7 in human PBMCs using at2 ug/ml. Shaded histogram represents cells alone; green represents rabbit IgG isotype control, ; red represents anti-TLR7 antibody. Goat anti-rabbit PE, was used as secondary.



IHC (Immunohistochemistry)
Anti-TLR7 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Anti-TLR7 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR7 antibody	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.
Product Categories/Family for anti-TLR7 antibody	Family: Toll-like Receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706093
NCBI GeneID	51284
NCBI Accession #	NP_057646.1
NCBI GenBank Nucleotide #	NM_016562.3
UniProt Accession #	Q9NYK1; Q9NR98; D1CS69
Molecular Weight	120,922 Da
NCBI Official Full Name	toll-like receptor 7
NCBI Official Synonym Full Names	toll-like receptor 7
NCBI Official Symbol	TLR7

NCBI Official Synonym Symbols	TLR7-like
NCBI Protein Information	toll-like receptor 7; toll-like receptor 7-like
UniProt Protein Name	Toll-like receptor 7
UniProt Gene Name	TLR7
UniProt Entry Name	TLR7_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tlr7-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/52152>