

Rabbit anti-Human TLR6 Polyclonal Antibody | anti-TLR6 antibody

TLR6 Antibody (C-term)

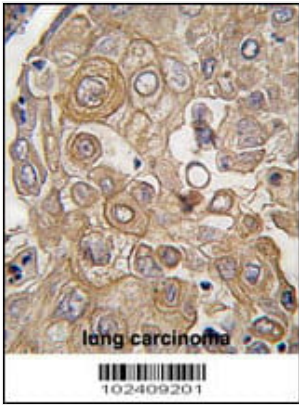
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285176	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

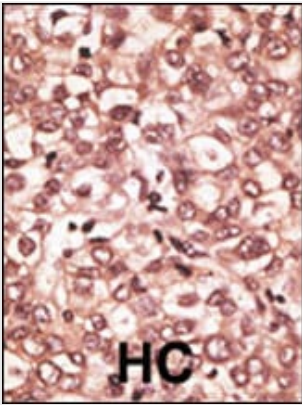
TLR6; Polyclonal Antibody; TLR6 Antibody (C-term); Toll-like receptor 6; CD286; anti-TLR6 antibody

PRODUCT SPECIFICATIONS

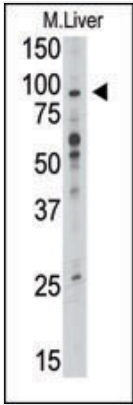
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TLR6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 393-423 amino acids from the C-terminal region of human TLR6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	393-423
Sequence Length	480
Applicable Applications for anti-TLR6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



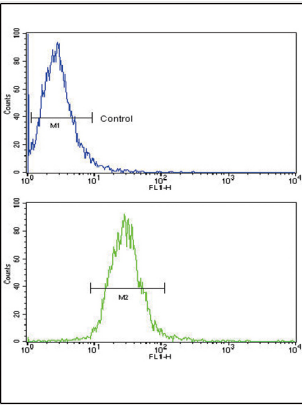
IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with TLR6 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-TLR6 Pab in mouse liver tissue lysate (35ug/lane). TLR6(arrow) was detected using the purified Pab.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H460 cells using TLR6 Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR6 antibody	TLR6, a Type I membrane protein that belongs to the Toll-like rceptor family, participates in the innate immune response to Gram-positive bacteria and fungi. It acts via MyD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. The protein recognizes mycoplasmal macrophage-activating lipopeptide-2kD (MALP-2), soluble tuberculosis factor (STF), phenol-soluble modulín (PSM) and B.burgdorferi outer surface protein A lipoprotein (OspA-L) cooperatively with TLR2. It binds to TLR2 via their respective extracellular domains, and to MyD88 via their respective TIR domains. TLR6 is detected in monocytes, CD11c+ immature dendritic cells, plasmacytoid pre-dendritic cells and dermal microvessel endothelial cells.
Product Categories/Family for anti-TLR6 antibody	Cardiovascular; Immunology; Microbiology; Signal Transduction
References	Bulut, Y., et al., J. Immunol. 167(2):987-994 (2001). Takeuchi, O., et al., Gene 231 (1-2), 59-65 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	20143971
NCBI GeneID	10333
NCBI Accession #	NP_006059.2

NCBI GenBank Nucleotide #	NM_006068.4
UniProt Accession #	Q9Y2C9 ; Q2NKL3 ; B3Y640 ; B6CH35 ; B6RFS4 ; B6RFS5
Molecular Weight	91880
NCBI Official Full Name	toll-like receptor 6
NCBI Official Synonym Full Names	toll-like receptor 6
NCBI Official Symbol	TLR6
NCBI Official Synonym Symbols	CD286
NCBI Protein Information	toll-like receptor 6
UniProt Protein Name	Toll-like receptor 6
UniProt Gene Name	TLR6
UniProt Entry Name	TLR6_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/tlr6-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/285176>