

Rabbit anti-Human, mouse TLR2 Polyclonal Antibody | anti-Tlr2 antibody

Mouse TLR2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289377	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

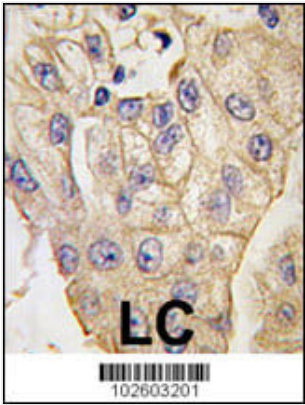
PRODUCT SYNONYMS

TLR2; Polyclonal Antibody; Mouse TLR2 Antibody (C-term); Toll-like receptor 2; CD282; Tlr2; anti-Tlr2 antibody

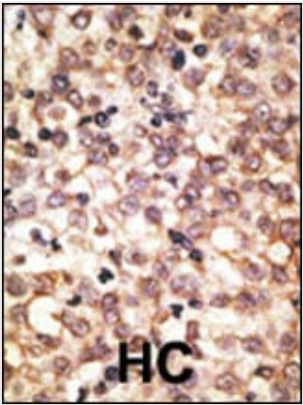
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse TLR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 720-749 amino acids from the C-terminal region of mouse TLR2.
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	720-749
Sequence Length	784
Applicable Applications for anti-Tlr2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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.

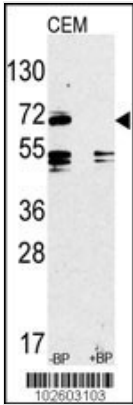
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with Mouse Tlr2 antibody (N-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 (Immunohiostchemistry)
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-TLR2 Pab (AAA289377) pre-incubated without and with blocking peptide (BP#1502c) in CEM cell line lysate. TLR2-V735(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-Tlr2 antibody	TLR2 is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. TLR2 is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.
Product Categories/Family for anti-Tlr2 antibody	Cardiovascular; Immunology; Microbiology; Signal Transduction
References	Okazaki, Y., et al., Nature 420(6915):563-573 (2002). Lin, Y., et al., J. Biol. Chem. 275(32):24255-24263 (2000). Matsuguchi, T., et al., Blood 95(4):1378-1385 (2000). Heine, H., et al., J. Immunol. 162(12):6971-6975 (1999). Underhill, D.M., et al., Nature 401(6755):811-815 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	158749638
NCBI GeneID	24088
NCBI Accession #	NP_036035.3

NCBI GenBank Nucleotide #	NM_011905.3
UniProt Accession #	Q9QUN7 ; Q3U400 ; Q9DBC4
Molecular Weight	89449
NCBI Official Full Name	toll-like receptor 2
NCBI Official Synonym Full Names	toll-like receptor 2
NCBI Official Symbol	Tlr2
NCBI Official Synonym Symbols	Ly105
NCBI Protein Information	toll-like receptor 2
UniProt Protein Name	Toll-like receptor 2
UniProt Gene Name	Tlr2
UniProt Entry Name	TLR2_MOUSE

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/tlr2-antibody-immunohistochemistry-western-blot-elisa/289377>