

Datasheet for ABIN2800624
anti-TLR2 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	TLR2
Binding Specificity:	AA 720-749, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit Anti-Mouse TLR2 (C-term) Antibody
Immunogen:	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.
Isotype:	Ig Fraction

Target Details

Target:	TLR2
Alternative Name:	TLR2 (TLR2 Products)
Background:	Target Description: 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

Target Details

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.

Gene Symbol: Tlr2

Molecular Weight: 89449 Da

Gene ID: 24088

UniProt: [Q9QUN7](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Western Blot, Immunohistochemistry

Recommended Dilutions

WB: 1:1000, IHC: 1:50-100 Western blot analysis of anti-TLR2 Pab (102-12774) pre-incubated without and with blocking peptide (BP#1502c) in CEM cell line lysate. TLR2-V735(arrow) was detected using the purified Pab.

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.

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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.0 mg/mL

Handling

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)