

Product Name: Toll-Like Receptor 2 Rabbit Monoclonal Antibody
Catalog #: AMRe01581

Summary

Production Name	Toll-Like Receptor 2 Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	Tlr2
Alternative Names	Toll-Like Receptor 2; TLR2; CD282; TIL4; Toll-like receptor 2; Toll/interleukin-1 receptor-like protein 4
Gene ID	24088.0
SwissProt ID	Q9QUN7.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 89 kDa; Observed MW: 89 kDa

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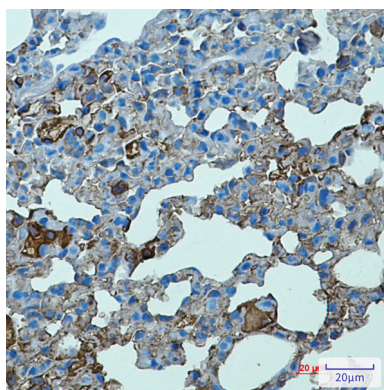
Background

Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 or TLR6 to mediate the innate immune response to bacterial lipoproteins or lipopeptides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

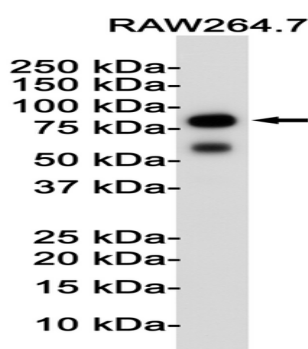
Research Area

Immunology

Image Data

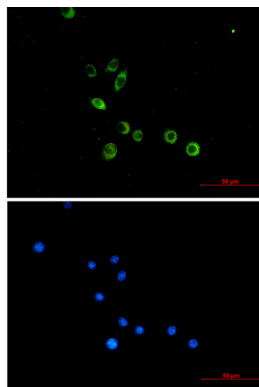


Immunohistochemistry analysis of paraffin-embedded mouse lung using Toll Like Receptor 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of TLR2 in Raw264.7 lysates using TLR2 antibody.

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Immunocytochemistry analysis of TLR2 (green) in Raw264.7 using TLR2 antibody, and DAPI (blue)

Note

For research use only.