

Anti-TLR4 Rabbit pAb



WL00196

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-TLR4 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Cellular localization	Membrane	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. The TLR family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLR2 and TLR4 are activated in response to lipopolysacchride (LPS) stimulation, which results in the activation and translocation of NFκB and suggests that these receptors are involved in mediating inflammatory responses. Expression of TLR receptors is highest in peripheral blood leukocytes, macro-phages, and monocytes.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TLR4.
Purification	Polyclonal antibody was purified by protein A affinity chromatography.

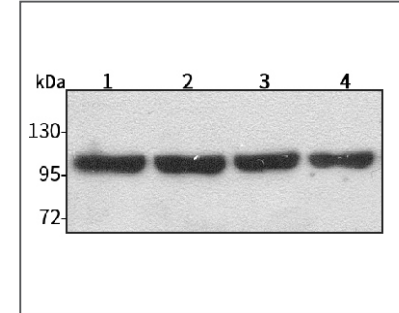
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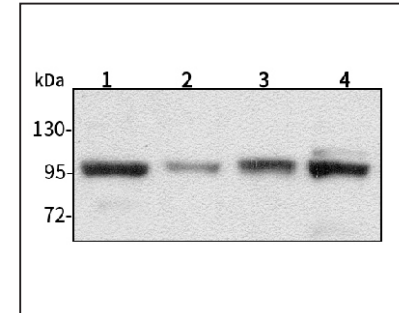
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Product Images



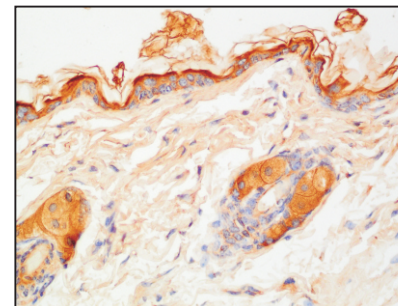
Western blot-Anti-TLR4 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-TLR4 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 96 kDa
 Observed band size: 110 kDa



Western blot-Anti-TLR4 pAb

Lane 1: Mouse heart tissue lysate
 Lane 2: Mouse brain tissue lysate
 Lane 3: Rat skin tissue lysate
 Lane 4: Rat kidney tissue lysate
 All lanes: Anti-TLR4 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 96 kDa
 Observed band size: 110 kDa



Immunohistochemistry-Anti-TLR4 pAb

Immunohistochemical analysis of paraffin-embedded mouse skin using anti-TLR4 Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

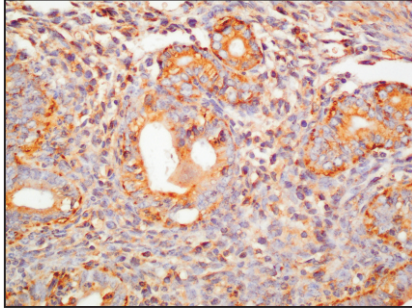
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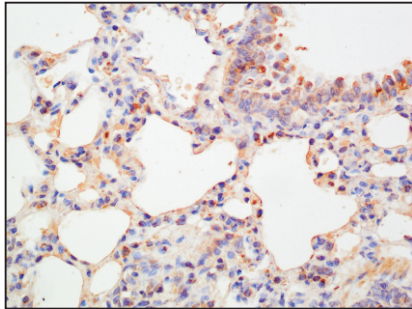
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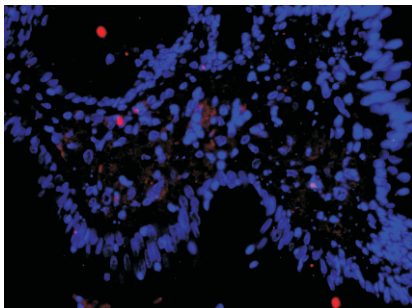
Immunohistochemistry-Anti-TLR4 pAb

Immunohistochemical analysis of paraffin-embedded mouse uterus using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-TLR4 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

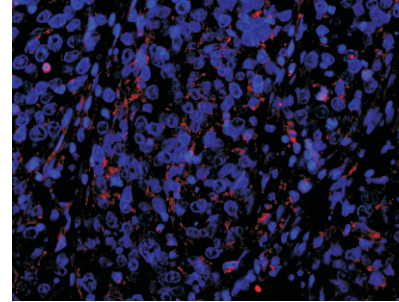
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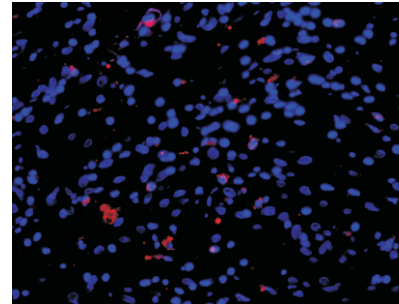
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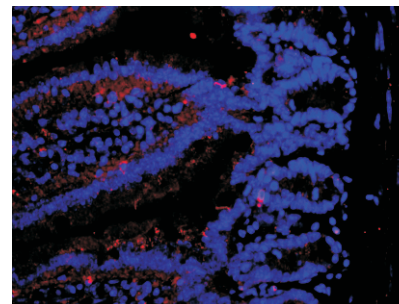
Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded human breast cancer using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded human esophagus cancer using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse intestine using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

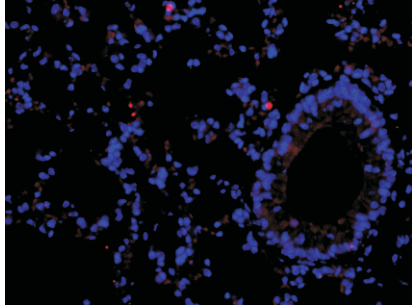
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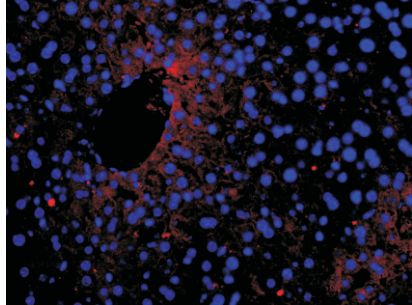
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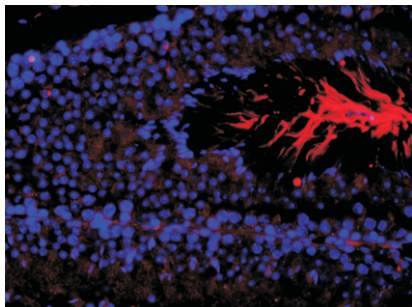
Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse liver using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse testicle using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

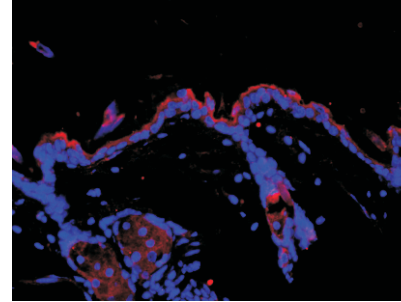
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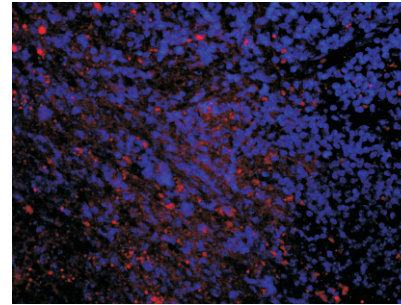
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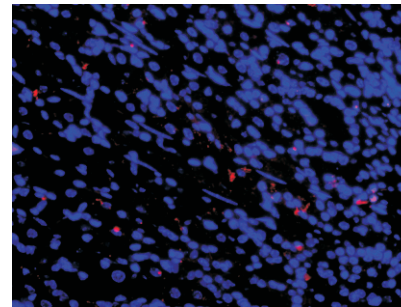
Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse skin using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse spleen using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse stomach using anti-TLR4 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

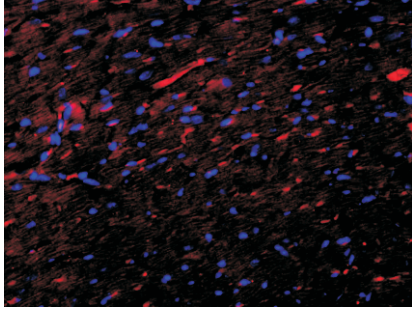
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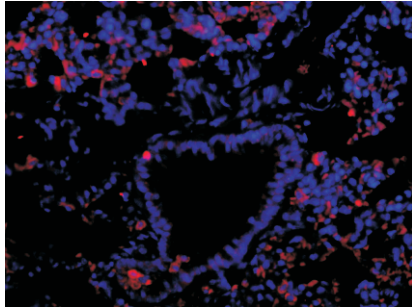
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Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded mouse heart using anti-TLR4 Rabbit Antibody at 1:500 dilution.

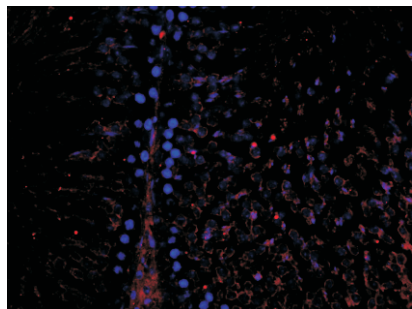
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded rat lung using anti-TLR4 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded rat testicle using anti-TLR4 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

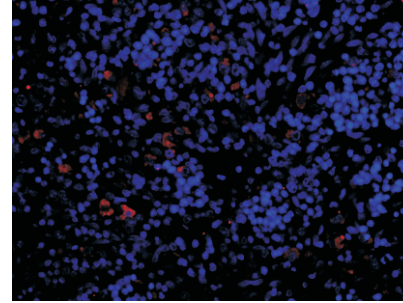
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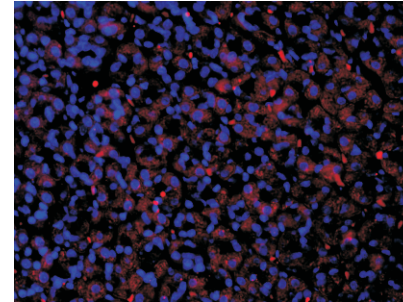
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Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded rat spleen using anti-TLR4 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-TLR4 pAb

Immunofluorescence analysis of paraffin-embedded rat stomach using anti-TLR4 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0