

Datasheet for ABIN736373

anti-TLR1 antibody (AA 101-200)

4 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	TLR1
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TLR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	TLR1
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Target Details

Alternative Name:	TLR1 (TLR1 Products)
Background:	<p>Synonyms: TIL, CD281, rsc786, TIL. LPRS5, Toll-like receptor 1, Toll/interleukin-1 receptor-like protein, TLR1, KIAA12</p> <p>Background: Participates in the innate immune response to microbial agents. Specifically recognizes diacylated and triacylated lipopeptides. Cooperates with TLR2 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 (By similarity).</p>
Gene ID:	7096
UniProt:	Q15399
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

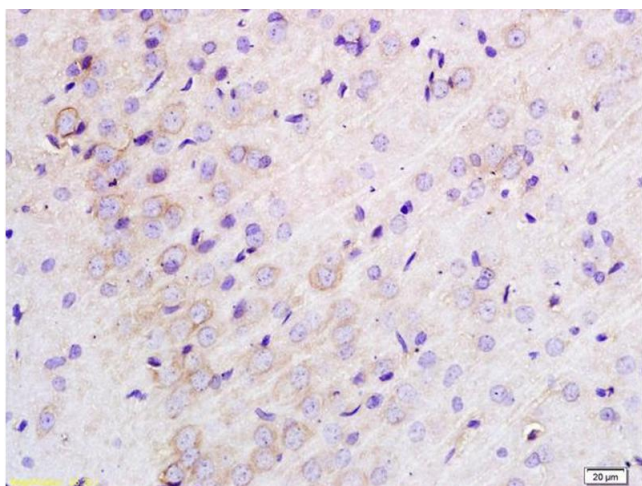
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

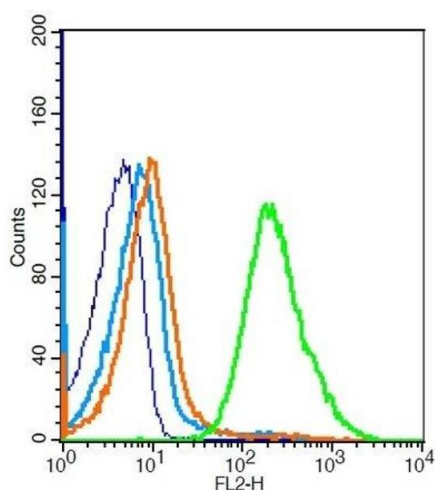
Product cited in: Li, Yu, Li, Liu, Jiao, Song, Lv, Qin: "Phycocyanin attenuates pulmonary fibrosis via the TLR2-MyD88-NF- κ B signaling pathway." in: **Scientific reports**, Vol. 7, Issue 1, pp. 5843, (2017) ([PubMed](#)).

Images



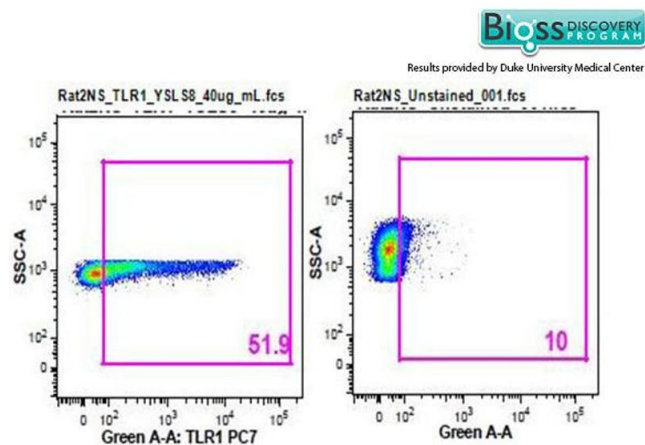
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-TLR1 Polyclonal Antibody, Unconjugated (ABIN736373) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Flow Cytometry

Image 2. Mouse splenocytes probed with TLR1 Polyclonal Antibody, Unconjugated at 1:100 for 30 minutes followed by incubation with a conjugated secondary (PE Conjugated) (green) for 30 minutes compared to control cells (blue), secondary only (light blue) and isotype control (orange).



Flow Cytometry

Image 3. Rat splenocytes stained with Anti-TLR1 Polyclonal Antibody, PE-CY7 Conjugated (ABIN736386) at 1:25.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN736373.