# abcam

## Product datasheet

## Anti-TLR2 antibody ab213676

★★★★★ 1 Abreviews 24 References 画像数 6

#### 製品の概要

製品名 Anti-TLR2 antibody

製品の詳細 Rabbit polyclonal to TLR2

由来種 Rabbit

アプリケーション 適用あり: IHC-P, WB

種交差性 交差種: Mouse, Rat, Human

交差が予測される動物種: Cow 🕰

免疫原 Synthetic peptide within Human TLR2 aa 700 to the C-terminus conjugated to keyhole limpet

haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the

antibody for your needs, please  $\underline{\text{contact}}$  our Scientific Support team to discuss your

requirements.

Database link: **O60603** 

ポジティブ・コントロール IHC-P: Rat ovary tissue. WB: Rat brain and lung lysate.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years.

Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

Run BLAST with

your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and Q&As

製品の特性

特記事項

製品の状態 Liquid

保存方法 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term. Avoid freeze / thaw cycle.

**バッファー** pH: 7.40

Preservative: 0.02% Proclin 300

Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X

精製度 Protein A purified

1

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**ポリ/モノ** ポリクローナル

アイソタイプ lgG

#### アプリケーション

**The Abpromise guarantee** <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab213676の使用に適用されます アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	<b>★</b> ★ ★ ★ ★ <b>(1)</b>	1/100 - 1/1000. Detects a band of approximately 90-105 kDa (predicted molecular weight: 89 kDa).

#### ターゲット情報

機能 Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other

microbial cell wall components. Cooperates with TLR1 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. May also promote apoptosis in

response to lipoproteins. Recognizes mycoplasmal macrophage-activating lipopeptide-2kD (MALP-2), soluble tuberculosis factor (STF), phenol-soluble modulin (PSM) and B.burgdorferi

outer surface protein A lipoprotein (OspA-L) cooperatively with TLR6.

組織特異性 Highly expressed in peripheral blood leukocytes, in particular in monocytes, in bone marrow,

lymph node and in spleen. Also detected in lung and in fetal liver. Levels are low in other tissues.

**配列類似性** Belongs to the Toll-like receptor family.

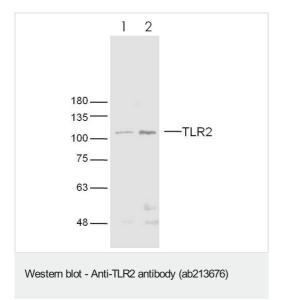
Contains 14 LRR (leucine-rich) repeats.

Contains 1 TIR domain.

翻訳後修飾 Glycosylation of Asn-442 is critical for secretion of the N-terminal ectodomain of TLR2.

細胞内局在 Membrane.

## 画像



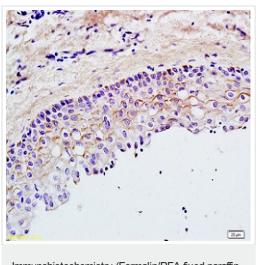
All lanes: Anti-TLR2 antibody (ab213676) at 1/300 dilution

Lane 1 : Mouse spleen tissue lysate
Lane 2 : Mouse thymus tissue lysate

Predicted band size: 89 kDa

Incubated with the primary antibody overnight at 4°C.

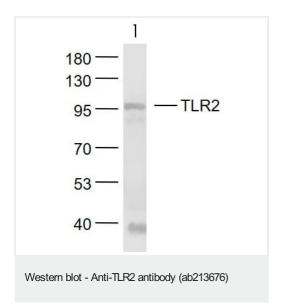
Incubated with the secondary antibody for 60 minutes at 37°C.



rat ovary tissue labeling TLR2 with ab213676 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.

Immunohistochemical analysis of formalin-fixed, paraffin-embedded

Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-TLR2 antibody (ab213676)

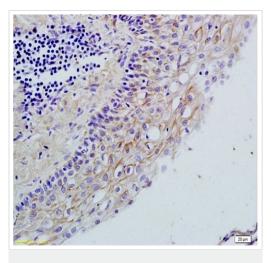


Anti-TLR2 antibody (ab213676) at 1/1000 dilution + Cerebrum tissue lysate

Predicted band size: 89 kDa

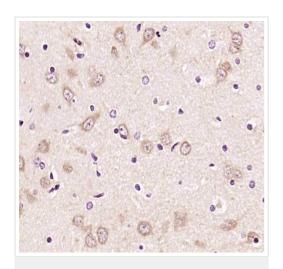
Incubated with the primary antibody overnight at 4°C.

Incubated with the secondary antibody for 60 minutes at 37°C.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-TLR2 antibody (ab213676)

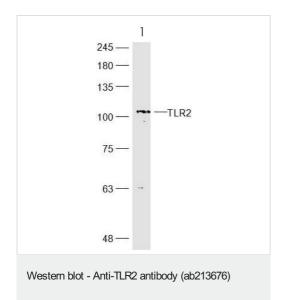
Immunohistochemical analysis of formalin-fixed, paraffin-embedded rat ovary tissue labeling TLR2 with ab213676 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-TLR2 antibody (ab213676)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded rat brain tissue labeling TLR2 with ab213676 at 1/400 dilution, followed by conjugation to the secondary antibody and DAB and counterstaining.

Antigen retrieval was performed by boiling in sodium citrate buffer (0.01M, pH6) for 15 minutes, blocked by endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, blocking buffer (normal goat serum) at 37°C for 20 minutes.



Anti-TLR2 antibody (ab213676) at 1/300 dilution + Raw264.7 cell lysate

Predicted band size: 89 kDa

Incubated with the primary antibody overnight at  $4\,^{\circ}\text{C}_{\cdot}$ 

Incubated with the secondary antibody for 60 minutes at 37°C.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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