

Product datasheet

Anti-TLR5 antibody ab37071

画像数 3

製品の概要

製品名	Anti-TLR5 antibody
製品の詳細	Rabbit polyclonal to TLR5
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to 15 amino acids near the carboxy terminus of human TLR5.
ポジティブ・コントロール	THP 1 cell lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: PBS
精製度	Protein A purified
特記事項(精製)	Purified by affinity chromatography
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab37071** in the following tested applications.

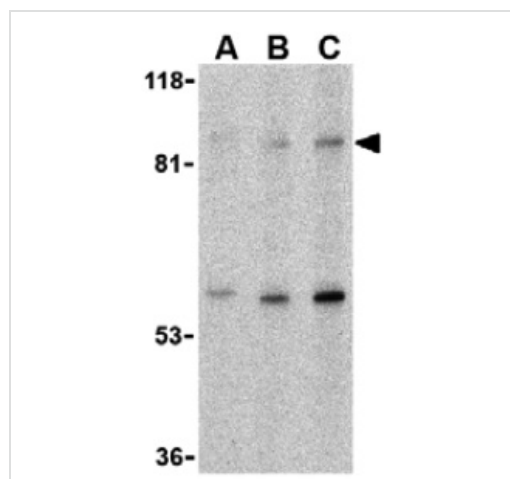
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 10 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 97 kDa. Can be blocked with Active human TLR5 peptide (ab40018) .

ターゲット情報

機能	Participates in the innate immune response to microbial agents. Mediates detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
組織特異性	Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
関連疾患	Systemic lupus erythematosus 1
配列類似性	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 TIR domain.
翻訳後修飾	Phosphorylated at Ser-805 by PKD/PRKD1; phosphorylation induces the production of inflammatory cytokines. Phosphorylated at Tyr-798 upon flagellin binding; required for signaling.
細胞内局在	Membrane.

画像



Western blot - Anti-TLR5 antibody (ab37071)

Lane 1 : Anti-TLR5 antibody (ab37071) at 0.5 µg/ml

Lane 2 : Anti-TLR5 antibody (ab37071) at 1 µg/ml

Lane 3 : Anti-TLR5 antibody (ab37071) at 2 µg/ml

All lanes : THP 1 cell lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 97 kDa

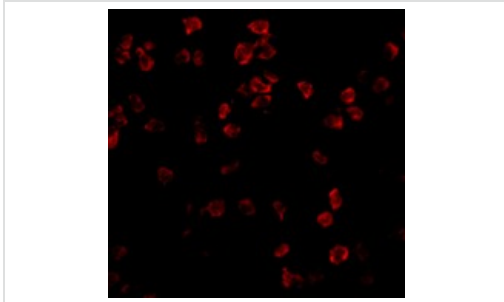
Observed band size: 97 kDa

Additional bands at: 65 kDa. We are unsure as to the identity of these extra bands.



ab37071 at 10µg/ml staining TLR5 in THP-1 cells by ICC/IF

Immunocytochemistry/ Immunofluorescence - Anti-TLR5 antibody (ab37071)



Immunofluorescence of TLR5 in THP1 cells using ab37071 at 10 ug/ml.

Immunocytochemistry/ Immunofluorescence - Anti-TLR5 antibody (ab37071)

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