abcam

Product datasheet

Anti-TLR2 antibody [EPR20303] - BSA and Azide free ab271986

リコンビナント **RabMAb**

画像数 2

製品の概要

製品名	Anti-TLR2 antibody [EPR20303] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR20303] to TLR2 - BSA and Azide free
由来種	Rabbit
アプリケーション	**適用あり:** IP, WB
種交差性	**交差種:** Mouse
	交差が予測される動物種: Rat ⚠
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Mouse and rat spleen lysates; RAW 264.7 whole cell lysates untreated and treated with 1 µg/ml lipopolysaccharides for 6 hours IP: RAW 264.7 treated with 1 µg/ml LPS for 6 hours whole cell lysate.
特記事項	ab271986 is the carrier-free version of **ab209217**.

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar$^®$ Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar$^®$ is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:
- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production
For more information **see here**.

Our RabMAb$^®$ technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb$^®$ patents**.

製品の特性

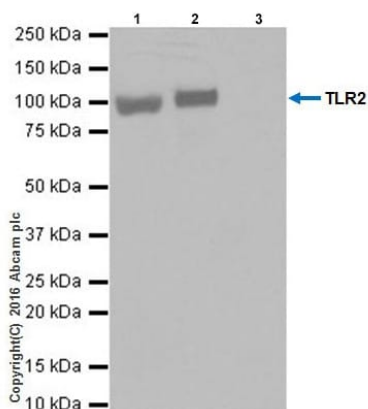|	
製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR20303
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee　　　**Abpromise保証は、次のテスト済みアプリケーションにおけるab271986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
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. 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

Immunoprecipitation - Anti-TLR2 antibody [EPR20303] - BSA and Azide free (ab271986)

TLR2 was immunoprecipitated from 0.35 mg of RAW 264.7 (Mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate, treated with 1 μg/ml LPS for 6 hours, with **ab209217** at 1/30 dilution.

Western blot was performed from the immunoprecipitate using **ab209217** at 1/500 dilution.

VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/1000 dilution.

Lane 1: RAW 264.7 whole cell lysate treated with 1 μg/ml LPS for 6 hours, 10 μg (Input).

Lane 2: **ab209217** IP in RAW 264.7 whole cell lysate treated with 1 μg/ml LPS for 6 hours.

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab209217** in RAW 264.7 whole cell lysate treated with 1 μg/ml LPS for 6 hours.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 1 second.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab209217**).

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

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- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

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