

Anti-IRAKM antibody [Y278] ab32394

KO 評価済 リコンビナント RabMAb

2 References 画像数 4

製品の概要

製品名	Anti-IRAKM antibody [Y278]
製品の詳細	Rabbit monoclonal [Y278] to IRAKM
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC or ICC/IF
種交差性	交差種: Human
免疫原	Synthetic peptide within Human IRAKM aa 550 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: Q9Y616
ポジティブ・コントロール	A431 cell lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - 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 . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Tissue culture supernatant

ポリ/モノ	モノクローナル
クローン名	Y278
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ab32394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。

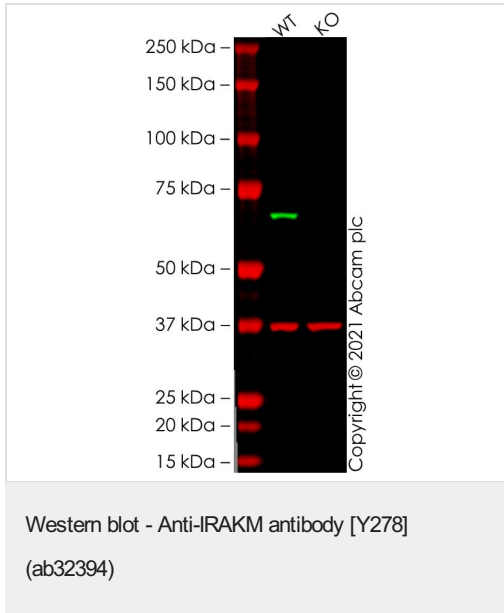
アプリケーション	Abreviews	特記事項
WB		1/20000. Detects a band of approximately 68 kDa (predicted molecular weight: 68 kDa).

追加情報 Is unsuitable for Flow Cyt, ICC or ICC/IF.

ターゲット情報

機能	Inhibits dissociation of IRAK1 and IRAK4 from the Toll-like receptor signaling complex by either inhibiting the phosphorylation of IRAK1 and IRAK4 or stabilizing the receptor complex.
組織特異性	Expressed predominantly in peripheral blood lymphocytes.
関連疾患	Defects in IRAK3 are associated with susceptibility to asthma-related traits type 5 (ASRT5) [MIM:611064]. Asthma-related traits include clinical symptoms of asthma, such as coughing, wheezing, dyspnea, bronchial hyperresponsiveness as assessed by methacholine challenge test, serum IgE levels, atopy, and atopic dermatitis.
配列類似性	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain.

画像



All lanes : Anti-IRAKM antibody [Y278] (ab32394) at 1/20000 dilution

Lane 1 : Wild-type THP-1 cell lysate

Lane 2 : IRAK3 knockout THP-1 cell lysate

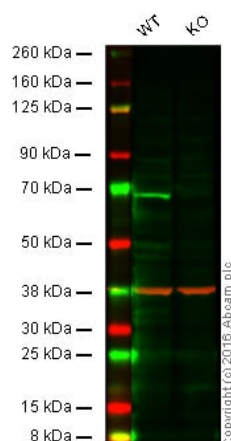
Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

Predicted band size: 68 kDa

Observed band size: 68 kDa

False colour image of Western blot: Anti-IRAKM antibody [Y278] staining at 1/20000 dilution, shown in green; Mouse anti-GAPDH antibody [6C5] ([ab8245](#)) loading control staining at 1/20000 dilution, shown in red. In Western blot, ab32394 was shown to bind specifically to IRAKM. A band was observed at 68 kDa in wild-type THP-1 cell lysates with no signal observed at this size in IRAK3 knockout cell line [ab281629](#) (knockout cell lysate [ab282979](#)). To generate this image, wild-type and IRAK3 knockout THP-1 cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 3% milk in TBS-0.1 % Tween® 20 (TBS-T) before incubation with primary antibodies overnight at 4°C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed ([ab216776](#)) at 1/20000 dilution.



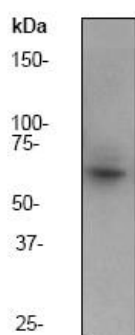
Western blot - Anti-IRAKM antibody [Y278]
(ab32394)

Lane 1: Wild-type HAP1 cell lysate (20 µg)

Lane 2: IRAKM knockout HAP1 cell lysate (20 µg)

Lanes 1 - 2: Merged signal (red and green). Green - ab32394 observed at 69 kDa. Red - loading control, **ab8245**, observed at 37 kDa.

ab32394 was shown to specifically react with IRAKM when IRAKM knockout samples were used. Wild-type and IRAKM knockout samples were subjected to SDS-PAGE. ab32394 and **ab8245** (loading control to GAPDH) diluted to 1/5000 and 1/10000 respectively were incubated overnight at 4°C. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed **ab216776** secondary antibodies at 1/10000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-IRAKM antibody [Y278]
(ab32394)

Anti-IRAKM antibody [Y278] (ab32394) at 1/20000 dilution + A431 cell lysate

Predicted band size: 68 kDa

Observed band size: 68 kDa

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

Anti-IRAKM antibody [Y278] (ab32394)

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