


Anti-MGAT5 antibody [3E9] ab87977

★★★★★ [5 Abreviews](#) [4 References](#) [画像数 4](#)

製品の概要

製品名	Anti-MGAT5 antibody [3E9]
製品の詳細	Mouse monoclonal [3E9] to MGAT5
由来種	Mouse
アプリケーション	適用あり: WB, Flow Cyt
種交差性	交差種: Human, Recombinant fragment 交差が予測される動物種: Mouse, Rat, Hamster 
免疫原	Recombinant fragment: LAEPGQCKQ VCQESQLICE PSFFQHLNKD KDMLKYKVTG QSSELAKDIL VPSFDPKNK HCVFQGDL L FSCAGAHPRH QRVCPCRDFI KGQVALCKD, corresponding to amino acids 642 - 739 of Human MGAT5 (NP_002401) with a proprietary tag Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Jurkat whole cell lysate (ab7899)
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 15 May 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>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 your needs before purchasing.</p> <p>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</p>

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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.40 Constituent: 100% PBS
精製度	Tissue culture supernatant
特記事項 (精製)	Purified from TCS.

ポリ/モノ	モノクローナル
クローン名	3E9
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

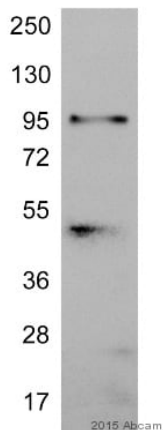
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab87977の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	Use at an assay dependent concentration. Predicted molecular weight: 85 kDa.
Flow Cyt		Use at an assay dependent concentration. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Catalyzes the addition of N-acetylglucosamine in beta 1-6 linkage to the alpha-linked mannose of biantennary N-linked oligosaccharides. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides.
パスウェイ	Protein modification; protein glycosylation.
配列類似性	Belongs to the glycosyltransferase 18 family.
細胞内局在	Golgi apparatus membrane.

画像



Western blot - Anti-MGAT5 antibody [3E9]
(ab87977)

Image is courtesy of an AbReview submitted by Armen Petrosyan.

Anti-MGAT5 antibody [3E9] (ab87977) at 1/2000 dilution + Human RWPE prostate cells at 20 µg

Secondary

Donkey anti-mouse polyclonal HRP conjugate at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

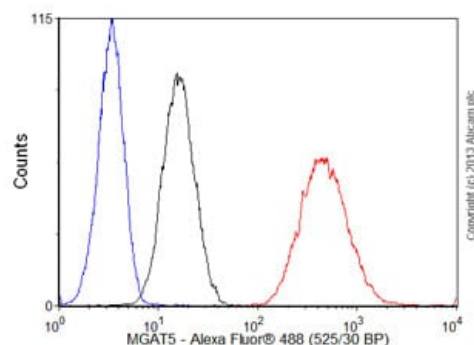
Predicted band size: 85 kDa

Additional bands at: 55 kDa (possible non-specific binding), 95 kDa (possible post-translational modification)

Exposure time: 40 seconds

Blocking was via 5% milk in PBST incubated for 1 hour at 22°C

This image was generated using the ascites version of the product.



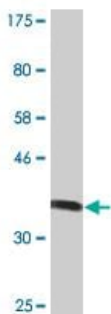
Flow Cytometry - Anti-MGAT5 antibody [3E9]
(ab87977)

Overlay histogram showing Jurkat cells stained with ab87977 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab87977, 1 µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) (**ab150113**) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (**ab91361**, 1 µg/1x10⁶ cells) used under the same conditions.

Unlabelled sample (blue line) was also used as a control.

Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. This antibody gave a positive signal in Jurkat cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

This image was generated using the ascites version of the product.



Western blot - Anti-MGAT5 antibody [3E9]
(ab87977)

Anti-MGAT5 antibody [3E9] (ab87977) at 1 µg/ml + recombinant protein fragment with a proprietary tag (the immunogen) at 0.1 µg

Secondary

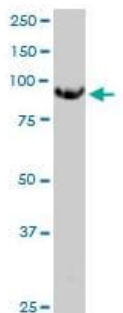
Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/5000 dilution

Predicted band size: 85 kDa

Observed band size: 37 kDa

The recombinant protein used as the immunogen has a predicted size of 37 kDa.

This image was generated using the ascites version of the product.



Western blot - Anti-MGAT5 antibody [3E9]
(ab87977)

Anti-MGAT5 antibody [3E9] (ab87977) at 1 µg/ml + jurkat cell lysate at 25 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 85 kDa

This image was generated using the ascites version of the product.

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