

Anti-FABP4 antibody [9B8D] ab93945

3 References [画像数 2](#)

製品の概要

製品名	Anti-FABP4 antibody [9B8D]
製品の詳細	Mouse monoclonal [9B8D] to FABP4
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
免疫原	Purified recombinant fragment of Human FABP4 expressed in <i>E. coli</i> .
ポジティブ・コントロール	FABP4-hlgGfc transfected HEK293 cell lysate
特記事項	<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. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.05% Sodium azide Constituent: PBS
精製度	Protein G purified
特記事項 (精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	9B8D
アイソタイプ	IgG1

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ab93945の使用に適用されます

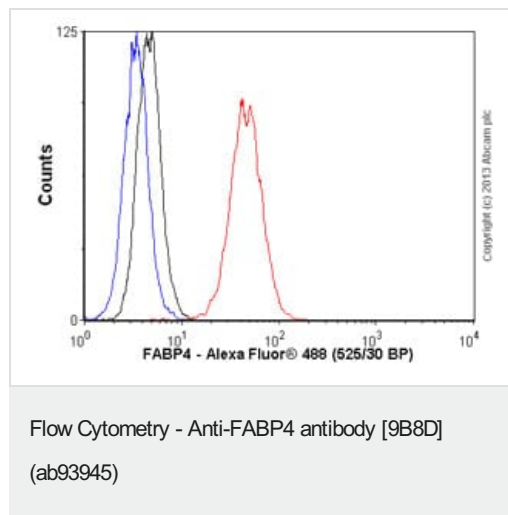
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/2000. Predicted molecular weight: 15 kDa.
Flow Cyt		1/100. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

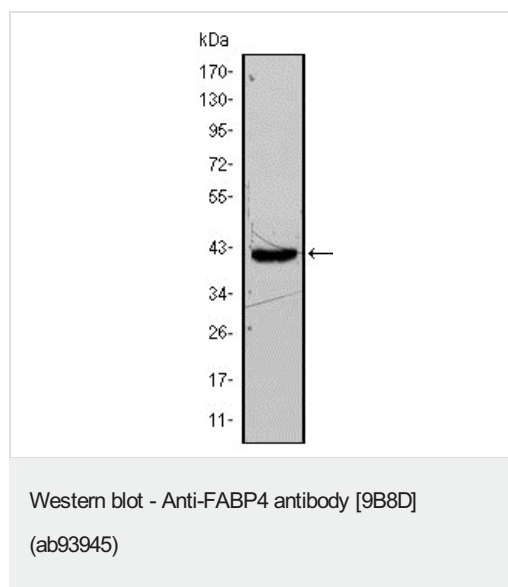
ターゲット情報

機能	Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus.
配列類似性	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
ドメイン	Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.
細胞内局在	Cytoplasm. Nucleus. Depending on the nature of the ligand, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus. Subject to constitutive nuclear export.

画像



Overlay histogram showing THP1 cells stained with ab93945 (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 (ab93945, 1/100 dilution) 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 IgG1 [ICIGG1] (**ab91353**, 1µg/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 THP1 cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.



Anti-FABP4 antibody [9B8D] (ab93945) at 1/500 dilution + FABP4-hlgGFc transfected HEK293 cell lysate

Predicted band size: 15 kDa

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

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