


Anti-Sarcomeric Alpha Actinin antibody [EA-53] ab9465

★★★★★ [12 Abreviews](#) [236 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Sarcomeric Alpha Actinin antibody [EA-53]
製品の詳細	Mouse monoclonal [EA-53] to Sarcomeric Alpha Actinin
由来種	Mouse
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Rat, Human 交差が予測される動物種: Rabbit 
免疫原	Full length native protein (purified) corresponding to Rabbit Sarcomeric Alpha Actinin. Purified rabbit skeletal α -actinin.
ポジティブ・コントロール	WB: Mouse and rat skeletal muscle and rat heart tissue lysates. IHC-P: Human skeletal muscle tissue.
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 9th September 2019. Lot numbers higher than GR3258034 are from tissue culture supernatant. 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>Storage in “frost-free” freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.</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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Please see notes section.
バッファー	pH: 7.40

	Preservative: 0.09% Sodium azide
	Constituent: PBS
精製度	Proprietary Purification
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	EA-53
ミエローマ	unknown
アイソタイプ	IgG1
軽鎖の種類	unknown

アプリケーション

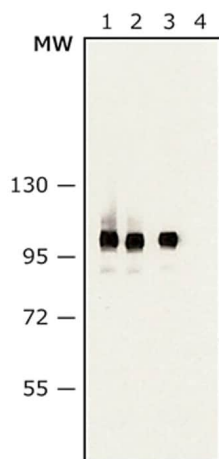
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab9465の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 10 - 20 µg/ml. ABC method. We suggest an incubation period of 60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation and dilutions should be determined by the user.
WB	★★★★★ (2)	Use a concentration of 2 - 4 µg/ml. Detects a band of approximately 103 kDa (predicted molecular weight: 103 kDa).

ターゲット情報

機能	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
組織特異性	Expressed in both skeletal and cardiac muscle.
関連疾患	Defects in ACTN2 are the cause of cardiomyopathy dilated type 1AA (CMD1AA) [MIM:612158]. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.
配列類似性	Belongs to the alpha-actinin family. Contains 1 actin-binding domain. Contains 2 CH (calponin-homology) domains. Contains 2 EF-hand domains. Contains 4 spectrin repeats.
細胞内局在	Cytoplasm > myofibril > sarcomere > Z line. Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle.

画像



Western blot - Anti-Sarcomeric Alpha Actinin antibody [EA-53] (ab9465)

Lane 1 : Anti-Sarcomeric Alpha Actinin antibody [EA-53] (ab9465) at 1/500 dilution

Lane 2 : Anti-Sarcomeric Alpha Actinin antibody [EA-53] (ab9465) at 1/1000 dilution

Lane 3 : Anti-Sarcomeric Alpha Actinin antibody [EA-53] (ab9465) at 1/2000 dilution

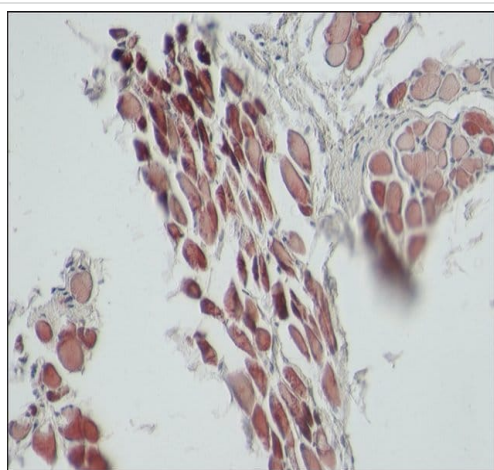
Lane 4 : No antibody control

All lanes : Rat skeletal muscle extract

Secondary

All lanes : Goat Anti-Mouse IgG (Fab) (HRP) at 1/4000 dilution

Predicted band size: 103 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sarcomeric Alpha Actinin antibody [EA-53] (ab9465)

Immunohistochemistry formalin-fixed, paraffin-embedded human tongue labeling Alpha Actinin with ab9465 at 12 µg/mL.

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