

Anti-S100 antibody [B32.1] ab7852

★★★★★ **3 Abreviews** **17 References** 画像数 1

製品の概要

製品名	Anti-S100 antibody [B32.1]
製品の詳細	Mouse monoclonal [B32.1] to S100
由来種	Mouse
特異性	This antibody reacts with alpha and beta subunits of human S-100 protein (21-24 kD).
アプリケーション	適用あり: IHC-FoFr
種交差性	交差種: Human
免疫原	Full length native protein (purified) corresponding to Cow S100. Database link: P02639
ポジティブ・コントロール	Melanoma tissues containing nerves, such as intestine and pancreas. Brain tissue.
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. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 0.01% PBS
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	B32.1
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

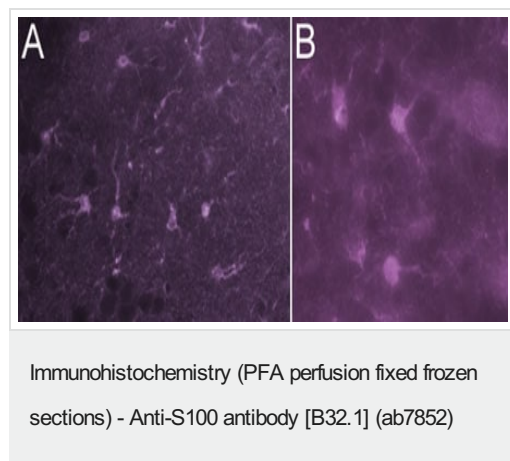
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アプリケーション	Abreviews	特記事項
IHC-FoFr		1/500 - 1/1000. 1/500 - 1/1000. Fix with 4% w/v paraformaldehyde and 15% saturated picric acid in 0.1 M. phosphate buffer pH 7.4.

ターゲット情報

機能	Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites.
組織特異性	Highly prevalent in heart. Also found in lesser quantities in skeletal muscle and brain.
配列類似性	Belongs to the S-100 family. Contains 2 EF-hand domains.
細胞内局在	Cytoplasm.

画像



ab7852 at a dilution of 1/1000, staining Astrocytes (purple; Alexa 488 secondary at 1/2000) on 30µm coronal brain section tissue in free floating IHC (see protocol link for detailed description). [A] Image taken with 20x objective and [B] Image taken with 40x objective. Images coloured in Photoshop.

NB: No labeling observed following omission of primary antibody.

Sections were viewed using an Axioplan 2 Imaging microscope (Imaging Associates) fitted with 10x, 20x and 40x Plan-Neofluorobjectives (Zeiss, Germany) and images were taken using a AxioCam Hrm digital camera (Zeiss, Germany) and AxioVision software (Imaging Associates).

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