

Anti-S100 antibody [B32.1] ab7852

★★★★☆ [3 Abreviews](#) [17 References](#) [1 图像](#)

概述

产品名称	Anti-S100抗体[B32.1]
描述	小鼠单克隆抗体[B32.1] to S100
宿主	Mouse
特异性	This antibody reacts with alpha and beta subunits of human S-100 protein (21-24 kD).
经测试应用	适用于: IHC-FoFr
种属反应性	与反应: Human
免疫原	Full length native protein (purified) corresponding to Cow S100. Database link: P02639
阳性对照	Melanoma tissues containing nerves, such as intestine and pancreas. Brain tissue.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 0.01% PBS
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	B32.1
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab7852于以下的经测试应用

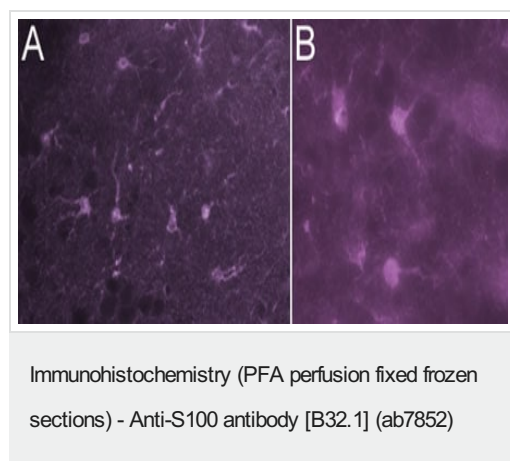
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

功能	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.
组织特异性	Highly prevalent in heart. Also found in lesser quantities in skeletal muscle and brain.
序列相似性	Belongs to the S-100 family. Contains 2 EF-hand domains.
细胞定位	Cytoplasm.

图片



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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