

# Anti-S100 alpha antibody [2C8B8] ab52271

### 3 图像

#### 概述

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|--------------|---|
| <b>产品名称</b>  | Anti-S100 alpha抗体[2C8B8]  |
| <b>描述</b>    | 小鼠单克隆抗体[2C8B8] to S100 alpha  |
| <b>宿主</b>    | Mouse   |
| <b>经测试应用</b> | <b>适用于:</b> WB, IHC-P   |
| <b>种属反应性</b> | <b>与反应:</b> Human, Recombinant fragment   |
| <b>免疫原</b>   | Ni-NTA purified truncated recombinant S100A expressed in E. Coli  |
| <b>阳性对照</b>  | Human brain, human lymphoid follicle tissue.  |
| <b>常规说明</b>  | <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&amp;As</p> |

#### 性能

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|             |   |
|-------------|---|
| <b>形式</b>   | Liquid  |
| <b>存放说明</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| <b>存储溶液</b> | Preservative: 0.05% Sodium azide<br>Constituent: PBS  |
| <b>纯度</b>   | Protein G purified  |
| <b>纯化说明</b> | Purified from tissue culture supernatant.   |
| <b>克隆</b>   | 单克隆   |
| <b>克隆编号</b> | 2C8B8   |
| <b>同种型</b>  | IgG1  |

#### 应用

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## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab52271 于以下的经测试应用

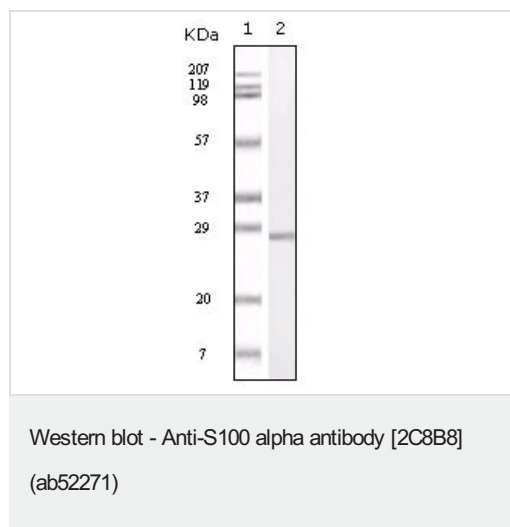
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用    | Ab评论 | 说明   |
|-------|------|--|
| WB    |      | Use at an assay dependent concentration. Predicted molecular weight: 10 kDa. |
| IHC-P |      | Use at an assay dependent concentration.                                     |

## 靶标

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

## 图片

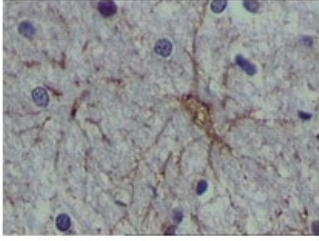


**All lanes :** Anti-S100 alpha antibody [2C8B8] (ab52271)

**Lane 1 :** Molecular weight markers

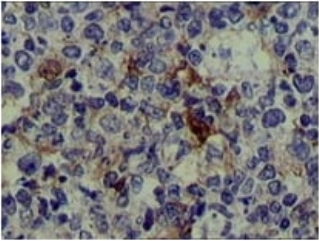
**Lane 2 :** Truncated S100A recombinant protein

**Predicted band size:** 10 kDa



Ab52271 staining human brain tissue; paraffin embedded.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100 alpha antibody [2C8B8] (ab52271)



Ab52271 staining Human lymphoid follicle tissue; paraffin embedded.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100 alpha antibody [2C8B8] (ab52271)

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors