

## Product datasheet

# Anti-S100 beta antibody [SH-B1], prediluted ab51899

### 概述

产品名称	Anti-S100 beta抗体[SH-B1], prediluted
描述	小鼠单克隆抗体[SH-B1] to S100 beta, prediluted
宿主	Mouse
特异性	Reacts with S-100 $\beta$ , S-100 A (alpha/beta) and S-100 B (beta/beta). Does not react with S-100 A0 (alpha/alpha), Calmodulin, Parvalbumin and other Ca-binding proteins.
经测试应用	适用于: IHC-P
种属反应性	与反应: Rat, Rabbit, Cow, Cat, Human, Pig
免疫原	Purified S-100 $\beta$ protein from bovine brain.
阳性对照	Skin and myelinated nerves

### 性能

形式	Prediluted
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.3
克隆	单克隆
克隆编号	SH-B1
同种型	IgG1

### 应用

Our [Abpromise guarantee](#) covers the use of **ab51899** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		

### 应用说明

IHC-P: 100  $\mu$ l working solution / test. Formaldehyde-fixed tissue should be pre-treated with 0.1% pronase. Unmasking methods involving microwave or steam cooking are **not** recommended.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

---

## 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. Binds to and initiates the activation of STK38 by releasing autoinhibitory intramolecular interactions within the kinase. Interaction with AGER after myocardial infarction may play a role in myocyte apoptosis by activating ERK1/2 and p53/TP53 signaling.
<b>组织特异性</b>	Although predominant among the water-soluble brain proteins, S100 is also found in a variety of other tissues.
<b>序列相似性</b>	Belongs to the S-101 family. Contains 2 EF-hand domains.
<b>细胞定位</b>	Cytoplasm. Nucleus.

---

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- 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

---

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