

Product datasheet

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

概述

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| 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 |
| 特异性 | Reacts with S-100 β , 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 β protein from bovine brain. |
| 阳性对照 | Skin and myelinated nerves |

性能

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| 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 | | |

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| 应用说明 | IHC-P: 100 μ 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. |
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Not yet tested in other applications.

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

靶标

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| 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. 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. |
| 组织特异性 | Although predominant among the water-soluble brain proteins, S100 is also found in a variety of other tissues. |
| 序列相似性 | Belongs to the S-101 family. Contains 2 EF-hand domains. |
| 细胞定位 | Cytoplasm. Nucleus. |

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