

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 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

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
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IHC-P

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.

Not yet tested in other applications.

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

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. 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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