

## Product datasheet

# Anti-S100 antibody [15E2E2] ab86728

### 画像数 1

#### 製品の概要

製品名	Anti-S100 antibody [15E2E2]
製品の詳細	Mouse monoclonal [15E2E2] to S100
由来種	Mouse
アプリケーション	<b>適用あり:</b> IHC-P, Flow Cyt
種交差性	<b>交差種:</b> Human
免疫原	S100 Protein A and B subunits
ポジティブ・コントロール	Human Melanoma or Schwannoma lymphoblastic leukemia tissue. ab86728 stains melanocytes, schwannomas, peripheral neural tissue and astrocytes, and benign and malignant melanomas and their metastases.

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.2-7.4
ポリ/モノ	モノクローナル
クローン名	15E2E2
アイソタイプ	IgG2a

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab86728** in the following tested applications.

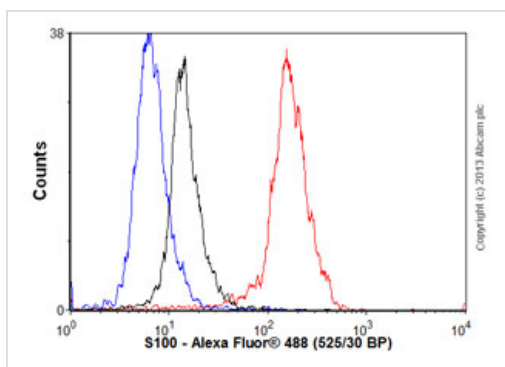
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P		1/50 - 1/100.
Flow Cyt		1/1000. <a href="#">ab170191</a> -Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

## ターゲット情報

機能	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.
組織特異性	Highly prevalent in heart. Also found in lesser quantities in skeletal muscle and brain.
配列類似性	Belongs to the S-100 family. Contains 2 EF-hand domains.
細胞内局在	Cytoplasm.

## 画像



Flow Cytometry - Anti-S100 antibody [15E2E2]  
(ab86728)

Overlay histogram showing SHSY-5Y cells stained with ab86728 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab86728, 1/1000 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H&L) (ab150077) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (0.1µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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