

Anti-S100A10 antibody ab89438

[4 References](#) [3 图像](#)

概述

产品名称	Anti-S100A10抗体
描述	小鼠单克隆抗体to S100A10
宿主	Mouse
经测试应用	适用于: Flow Cyt, WB, ELISA
种属反应性	与反应: Rat, Human 预测可用于: Mouse, Rabbit, Chicken, Cow, Pig, Rhesus monkey 
免疫原	Recombinant full length protein corresponding to amino acids 1-98 (MPSQMEHAMETMMFTFHKFAGDKGYLTKEDLRVLMKEKFPGLLENQKDPLAVDKIMKDLQCRDGKVGQSFSLIAGLTIACNDYFVVHMKQKGKK), of Human S100A10 (AAH15973) with proprietary tag. Run BLAST with Run BLAST with
阳性对照	HeLa cell lysate
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 1X PBS, pH 7.2
纯度	Protein A purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab89438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
Flow Cyt		Use 0.5µg for 10 ⁶ cells. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 11 kDa.
ELISA		Use at an assay dependent concentration.

靶标

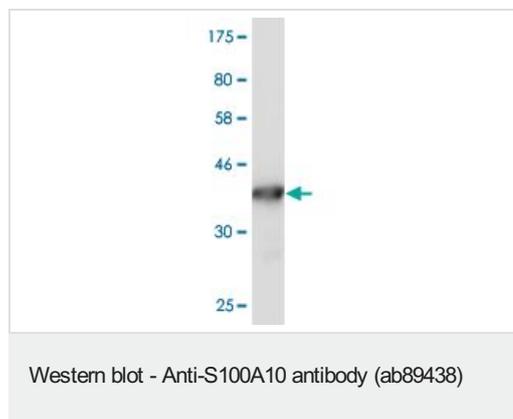
功能

Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.

序列相似性

Belongs to the S-100 family.

图片

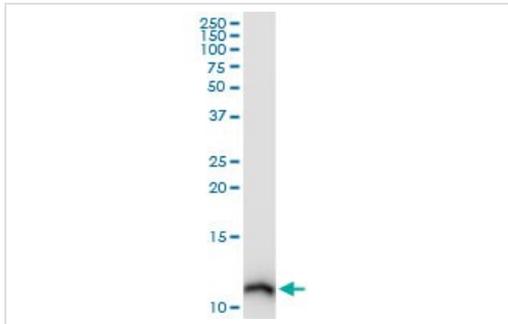


Anti-S100A10 antibody (ab89438) at 5 µg/ml + Recombinant protein used as the immunogen at 0.2 µg

Developed using the ECL technique.

Predicted band size: 11 kDa

Observed band size: 40 kDa

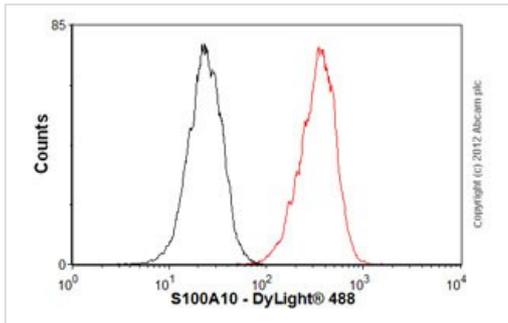


Western blot - Anti-S100A10 antibody (ab89438)

Anti-S100A10 antibody (ab89438) at 5 µg/ml + HeLa cell lysate at 50 µg

Predicted band size: 11 kDa

Observed band size: 11 kDa



Flow Cytometry - Anti-S100A10 antibody (ab89438)

Overlay histogram showing A431 cells stained with ab89438 (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. The cells were then incubated with the antibody (ab89438, 0.5µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] ([ab91361](#), 1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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

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