

Anti-S100 antibody [8B10] ab8330

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概述

产品名称	Anti-S100抗体[8B10]
描述	小鼠单克隆抗体[8B10] to S100
宿主	Mouse
特异性	Specific to S-100 beta beta and alpha beta. It does not recognize the alpha-alpha form or alpha subunit only.
经测试应用	适用于: ELISA, IHC - Wholemout, ICC/IF, WB, Sandwich ELISA
种属反应性	与反应: Rat, Human
免疫原	Full length protein (Human).
阳性对照	Human brain.
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We would recommend antibody ab868 as a replacement.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	PBS with 0.1% sodium azide, pH 7.4
纯度	Ascites
纯化说明	Purified from ascites.
克隆	单克隆
克隆编号	8B10
骨髓瘤	Sp2/0
同种型	IgG1
轻链类型	unknown

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab8330 于以下的经测试应用

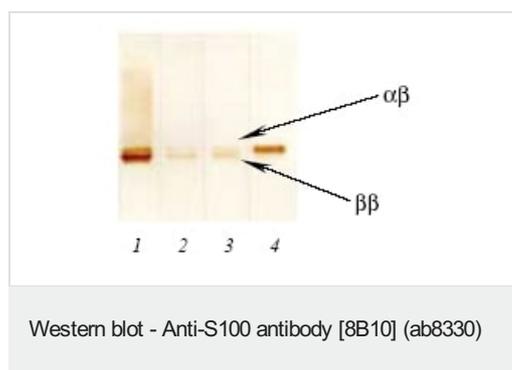
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
IHC - Wholemount		Use at an assay dependent concentration. PubMed: 21856924
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 21 kDa.
Sandwich ELISA		Use at an assay dependent concentration. Sensitive to EDTA or other bivalent-binding agents. Better performance can be obtained in presence of 5mM CaCL2 in these assay buffers. Can be used as capture antibody in conjunction with ab10203 .

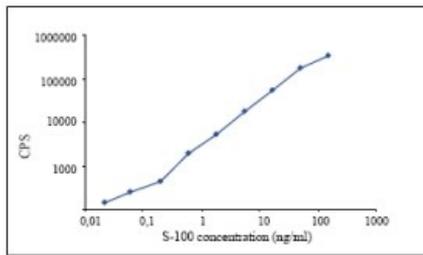
靶标

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.
组织特异性	Highly prevalent in heart. Also found in lesser quantities in skeletal muscle and brain.
序列相似性	Belongs to the S-100 family. Contains 2 EF-hand domains.
细胞定位	Cytoplasm.

图片



Interaction of several monoclonal antibodies with purified S100 protein (1 μ g) from human brain in WB, after native gel electrophoresis using the Ornstein-Davis system. Lane 1 = [ab14849](#), Lane 2 = ab8330, ab Lane 3 = [ab10203](#), Lane 4 = [ab8334](#). The doublet band appears at about 20-21 kD, Interaction of several monoclonal antibodies with purified S100 protein (1 μ g) from human brain in WB, after native gel electrophoresis using the Ornstein-Davis system. Lane 1 = [ab14849](#), Lane 2 = ab8330, ab Lane 3 = [ab10203](#), Lane 4 = [ab8334](#). The doublet band appears at about 20-21 kD,



ELISA - Anti-S100 antibody [8B10] (ab8330)

S-100 calibration curve, from one step assay in streptavidin coated plates. Ab8330 [200 ng/well] was used as capture and Eu- labelled **ab10203** [200 ng/well] as detection. Antigen used was S-100 protein from the human brain. Incubated 20 minutes at 20°C.

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

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