

Anti-S100A9 antibody [47-8D3] ab24111

★★★★★ [2 Abreviews](#) [7 References](#)

概述

产品名称	Anti-S100A9抗体[47-8D3]
描述	小鼠单克隆抗体[47-8D3] to S100A9
宿主	Mouse
经测试应用	适用于: IHC-Fr, IHC-P, WB
种属反应性	与反应: Human
免疫原	Tissue/ cell preparation of peripheral blood monocyte components (Human).
阳性对照	Lysate of human monocytes or granulocytes.
常规说明	<p>Can be used for phenotypical characterization of macrophages and myelomonocytic cells in situ.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	<p>pH: 7.3</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituent: PBS</p>
纯度	Protein G purified
Primary antibody说明	Can be used for phenotypical characterization of macrophages and myelomonocytic cells in situ.
克隆	单克隆
克隆编号	47-8D3
骨髓瘤	NS1

同种型

IgG1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab24111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
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

靶标

功能

Calcium-binding protein. Has antimicrobial activity towards bacteria and fungi. Important for resistance to invasion by pathogenic bacteria. Up-regulates transcription of genes that are under the control of NF-kappa-B. Plays a role in the development of endotoxic shock in response to bacterial lipopolysaccharide (LPS) (By similarity). Promotes tubulin polymerization when unphosphorylated. Promotes phagocyte migration and infiltration of granulocytes at sites of wounding. Plays a role as a pro-inflammatory mediator in acute and chronic inflammation and up-regulates the release of IL8 and cell-surface expression of ICAM1. Extracellular calprotectin binds to target cells and promotes apoptosis. Antimicrobial and proapoptotic activity is inhibited by zinc ions.

组织特异性

Expressed by macrophages in acutely inflamed tissues and in chronic inflammation. Detected in peripheral blood leukocytes, in neutrophils and granulocytes. Detected at sites of vascular inflammation (at protein level). Also expressed in epithelial cells constitutively or induced during dermatoses.

序列相似性

Belongs to the S-100 family.
Contains 2 EF-hand domains.

翻译后修饰

Phosphorylated. Phosphorylation inhibits activation of tubulin polymerization.

细胞定位

Secreted. Cytoplasm. Cytoplasm > cytoskeleton. Cell membrane. Associates with tubulin filaments in activated monocytes. Targeted to the cell surface upon calcium influx. Released from blood leukocytes upon exposure to CSF2/GM-CSF, bacterial lipopolysaccharide (LPS) and during inflammatory processes. Serum levels are high in patients suffering from chronic inflammation.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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