

Anti-S100A9 antibody [EPR3556] - BSA and Azide free ab227571

リコンビナント RabMAb

★★★★☆ **1 Abreviews** **2 References** [画像数 2](#)

製品の概要

製品名	Anti-S100A9 antibody [EPR3556] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR3556] to S100A9 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P 適用なし: ICC/IF, IP or WB
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human tonsil lysate and peripheral blood leukocyte cell lysate IHC-P: Human spleen tissue
特記事項	<p>ab227571 is the carrier-free version of ab92468.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.

バッファー	pH: 7.20 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR3556
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab227571の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		

追加情報

IHC-P: 1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

WB: 1/1000 - 1/10,000. Predicted molecular weight: 13 kDa.

Is unsuitable for ICC/IF or IP.

Not yet tested in other applications.

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

ターゲット情報

機能

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.

組織特異性

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.

配列類似性

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

翻訳後修飾

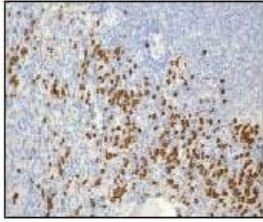
Phosphorylated. Phosphorylation inhibits activation of tubulin polymerization.

細胞内局在

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.

画像



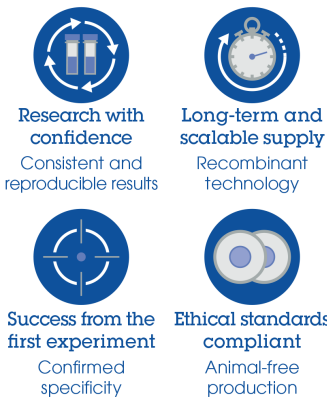
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100A9 antibody [EPR3556] - BSA and Azide free (ab227571)

This IHC data was generated using the same anti-S100A9 antibody clone, EPR3556, in a different buffer formulation (cat# **ab92468**).

ab92468, at a 1/100 dilution, staining S100A9 in paraffin embedded Human spleen tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Anti-S100A9 antibody [EPR3556] - BSA and Azide free (ab227571)

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