


# Anti-Azurocidin antibody [EPR9503] - BSA and Azide free ab250556

重组 RabMAb

## 6 图像

### 概述

产品名称	Anti-Azurocidin抗体[EPR9503] - BSA and Azide free
描述	兔单克隆抗体[EPR9503] to Azurocidin - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), IHC-P, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
常规说明	<p>ab250556 is the carrier-free version of <a href="#">ab181989</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;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<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR9503
同种型	IgG

## 应用

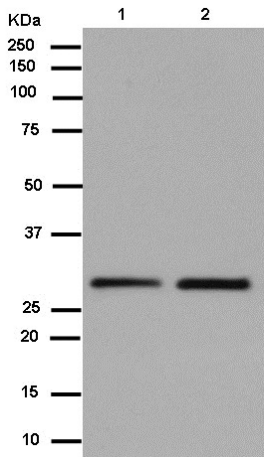
**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab250556于以下的经测试应用

“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 (Intra)		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 27-33 kDa (predicted molecular weight: 26 kDa).

## 靶标

功能	<p>This is a neutrophil granule-derived antibacterial and monocyte- and fibroblast-specific chemotactic glycoprotein. Binds heparin. The cytotoxic action is limited to many species of Gram-negative bacteria; this specificity may be explained by a strong affinity of the very basic N-terminal half for the negatively charged lipopolysaccharides that are unique to the Gram-negative bacterial outer envelope. It may play a role in mediating recruitment of monocytes in the second wave of inflammation. Has antibacterial activity against the Gram-negative bacterium <i>P.aeruginosa</i>, this activity is inhibited by LPS from <i>P.aeruginosa</i>. Acting alone, it does not have antimicrobial activity against the Gram-negative bacteria <i>A.actinomycetemcomitans</i> ATCC 29532, <i>A.actinomycetemcomitans</i> NCTC 9709, <i>A.actinomycetemcomitans</i> FDC-Y4, <i>H.aphrophilus</i> ATCC 13252, <i>E.corrodens</i> ATCC 23834, <i>C.sputigena</i> ATCC 33123, <i>Capnocytophaga</i> sp ATCC 33124, <i>Capnocytophaga</i> sp ATCC 27872 or <i>E.coli</i> ML-35. Has antibacterial activity against <i>C.sputigena</i> ATCC 33123 when acting synergistically with either elastase or cathepsin G.</p>
序列相似性	<p>Belongs to the peptidase S1 family. Elastase subfamily. Contains 1 peptidase S1 domain.</p>
细胞定位	<p>Cytoplasmic granule. Cytoplasmic granules of neutrophils.</p>



Western blot - Anti-Azurocidin antibody [EPR9503] - BSA and Azide free (ab250556)

**All lanes :** Anti-Azurocidin antibody [EPR9503] ([ab181989](#)) at 1/10000 dilution

**Lane 1 :** HUVEC cell lysate

**Lane 2 :** 293 cell lysate

Lysates/proteins at 20 µg per lane.

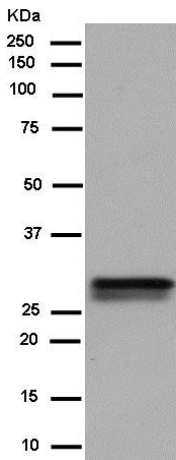
**Secondary**

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 26 kDa

This data was developed using [ab181989](#), the same antibody clone in a different buffer formulation.

**Blocking and dilution buffer:** 5% NFDm/TBST.



Western blot - Anti-Azurocidin antibody [EPR9503] - BSA and Azide free (ab250556)

Anti-Azurocidin antibody [EPR9503] ([ab181989](#)) at 1/2000 dilution + Human spleen tissue lysate at 20 µg

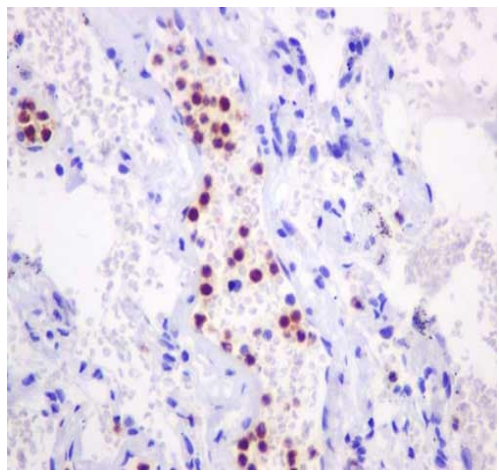
**Secondary**

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution

**Predicted band size:** 26 kDa

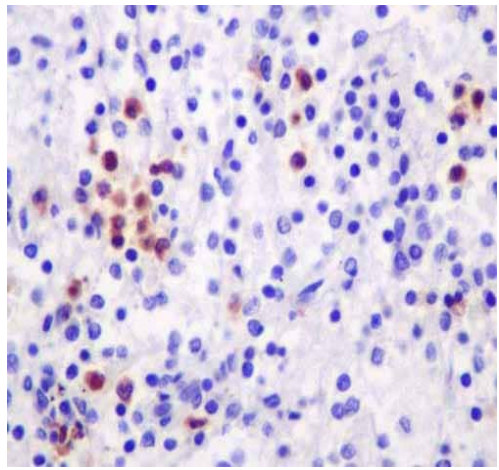
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**Blocking and dilution buffer:** 5% NFDm/TBST.



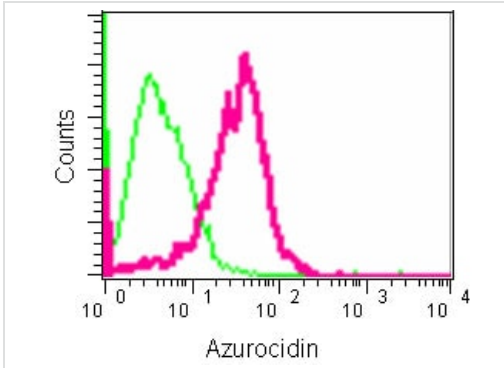
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Azurocidin antibody [EPR9503] - BSA and Azide free (ab250556)

This data was developed using **ab181989**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human lung tissue labeling Azurocidin with **ab181989** at a 1/100 dilution. Prediluted (ready to use) HRP Polymer for Rabbit IgG was used as a secondary antibody. Counter stain: Hematoxylin Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



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Flow Cytometry (Intracellular) - Anti-Azurocidin antibody [EPR9503] - BSA and Azide free (ab250556)

This data was developed using **ab181989**, the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed HUVEC cells labeling Azurocidin using **ab181989** at a 1/40 dilution, or rabbit monoclonal IgG as isotype control. Secondary antibody used was goat anti rabbit IgG (FITC) at a 1/150 dilution.

Why choose a recombinant antibody?

 <b>Research with confidence</b> Consistent and reproducible results	 <b>Long-term and scalable supply</b> Recombinant technology
 <b>Success from the first experiment</b> Confirmed specificity	 <b>Ethical standards compliant</b> Animal-free production

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