


Anti-Azurocidin antibody [EPR9503] ab181989

重组 RabMAb

★★★★★ **1 Abreviews** 6 图像

概述

产品名称	Anti-Azurocidin抗体[EPR9503]
描述	兔单克隆抗体[EPR9503] to Azurocidin
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P
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.
阳性对照	HUVEC, 293 cell lysate; Human spleen lysate; human spleen tissue and Human lung tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
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ab181989于以下的经测试应用

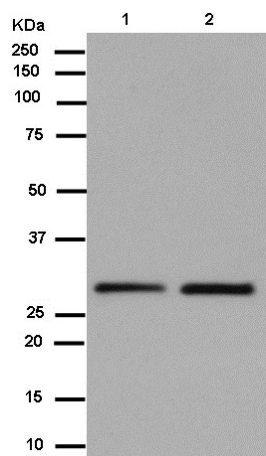
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/40. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 27-33 kDa (predicted molecular weight: 26 kDa).
IHC-P		1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

靶标

功能	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 P.aeruginosa, this activity is inhibited by LPS from P.aeruginosa. Acting alone, it does not have antimicrobial activity against the Gram-negative bacteria A.actinomycetemcomitans ATCC 29532, A.actinomycetemcomitans NCTC 9709, A.actinomycetemcomitans FDC-Y4, H.aphrophilus ATCC 13252, E.corrodens ATCC 23834, C.sputigena ATCC 33123, Capnocytophaga sp ATCC 33124, Capnocytophaga sp ATCC 27872 or E.coli ML-35. Has antibacterial activity against C.sputigena ATCC 33123 when acting synergistically with either elastase or cathepsin G.
序列相似性	Belongs to the peptidase S1 family. Elastase subfamily. Contains 1 peptidase S1 domain.
细胞定位	Cytoplasmic granule. Cytoplasmic granules of neutrophils.

图片



Western blot - Anti-Azurocidin antibody [EPR9503]
(ab181989)

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

Lane 1 : HUVEC cell lysate

Lane 2 : 293 cell lysate

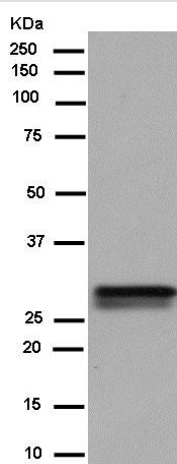
Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 26 kDa

Blocking/dilution buffer and concentration: 5% NFDM/TBST



Western blot - Anti-Azurocidin antibody [EPR9503]
(ab181989)

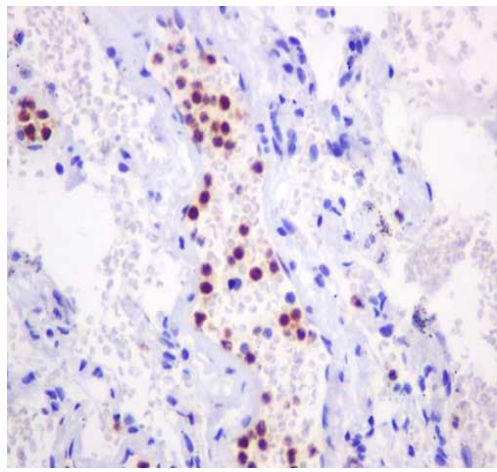
Anti-Azurocidin antibody [EPR9503] (ab181989) at 1/2000 dilution
+ Human spleen tissue lysate at 20 µg

Secondary

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

Predicted band size: 26 kDa

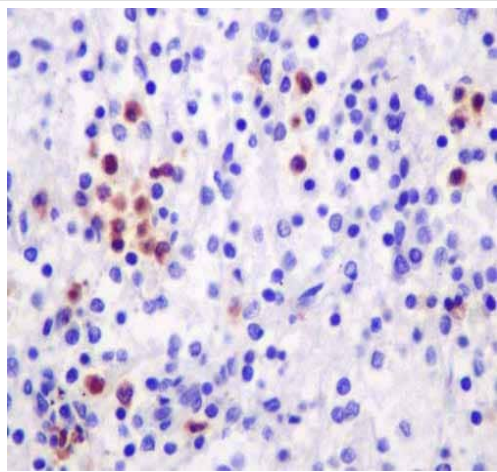
Blocking/dilution buffer and concentration: 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Azurocidin antibody [EPR9503] (ab181989)

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

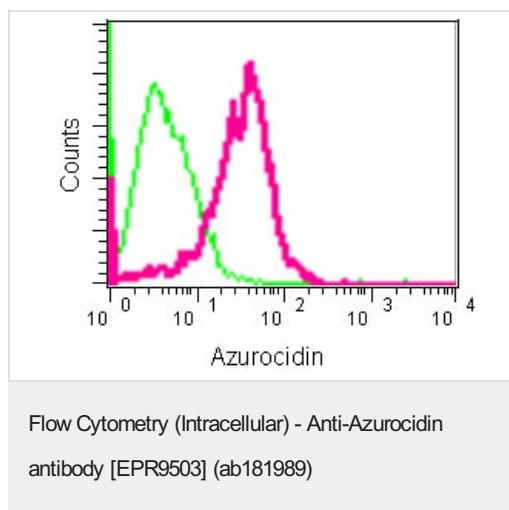
Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Azurocidin antibody [EPR9503] (ab181989)





Immunohistochemical analysis of paraffin-embedded Human spleen 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.



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?

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

Anti-Azurocidin antibody [EPR9503] (ab181989)

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

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