

# Anti-Azurocidin antibody [EPR9502] - BSA and Azide free ab215825

Recombinant RabMAb

2 Images

## Overview

Product name	Anti-Azurocidin antibody [EPR9502] - BSA and Azide free
Description	Rabbit monoclonal [EPR9502] to Azurocidin - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human <b>Does not react with:</b> Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human spleen and U937 lysates.
General notes	<p>ab215825 is the carrier-free version of <a href="#">ab178678</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>

## Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9502
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab215825 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

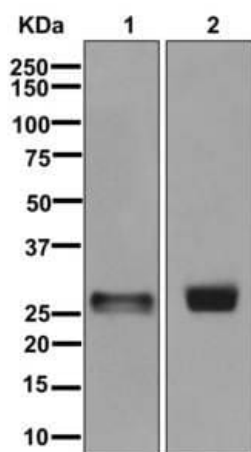
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 26-33 kDa (predicted molecular weight: 26 kDa).

**Application notes** Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## Target

Function	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.
Sequence similarities	Belongs to the peptidase S1 family. Elastase subfamily. Contains 1 peptidase S1 domain.
Cellular localization	Cytoplasmic granule. Cytoplasmic granules of neutrophils.

## Images



Western blot - Anti-Azurocidin antibody [EPR9502] - BSA and Azide free (ab215825)

**All lanes :** Anti-Azurocidin antibody [EPR9502] ([ab178678](#)) at 1/1000 dilution

**Lane 1 :** Human spleen lysate

**Lane 2 :** U937 lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 26 kDa

This data was developed using [ab178678](#), the same antibody clone in a different buffer formulation.

#### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Azurocidin antibody [EPR9502] - BSA and Azide free (ab215825)

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

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