

**bsm-41704M****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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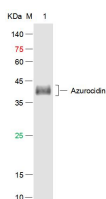
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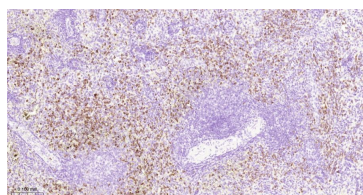
400-901-9800

**Azurocidin/HBP Mouse mAb****— DATASHEET —**

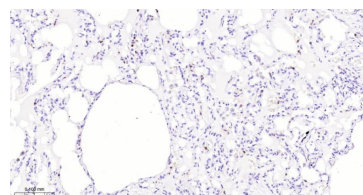
<b>Host:</b> Mouse	<b>Isotype:</b> IgG1	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 5F1	
<b>GeneID:</b> 566	<b>SWISS:</b> P20160	
<b>Target:</b> Azurocidin/HBP		
<b>Immunogen:</b> Recombinant Human Azurocidin Protein; 20-250/251.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human
<b>Storage:</b> 0.01M PBS (pH7.4). Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Predicted MW.:</b> 24 kDa
<b>Background:</b> 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> .		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

Sample: Lane 1: Recombinant Human Azurocidin Protein at 100ng Primary: Mouse Anti-Azurocidin Monoclonal Antibody at 1/1000 dilution (Cat.bsm-41704M) Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 28.6kD Observed band size: 38-42kD



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Azurocidin/HBP Monoclonal Antibody, Unconjugated (bsm-41704M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Azurocidin/HBP Monoclonal Antibody, Unconjugated (bsm-41704M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.