

bsm-41703M**[Primary Antibody]****Bioss**
ANTIBODIES

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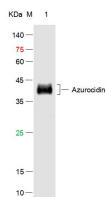
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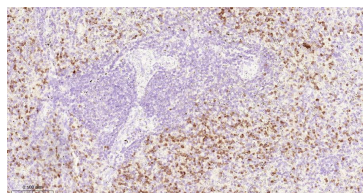
400-901-9800

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

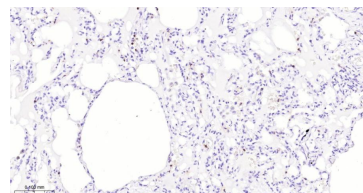
Host: Mouse	Isotype: IgG1	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human Predicted MW.: 24 kDa Subcellular Location: Cytoplasm
Clonality: Monoclonal	CloneNo.: 3G8	
GeneID: 566	SWISS: P20160	
Target: Azurocidin/HBP		
Immunogen: Recombinant Human Azurocidin Protein; 20-250/251.		
Purification: affinity purified by Protein A		
Storage: 0.01M PBS (pH7.4). Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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> .		

— VALIDATION IMAGES —

Sample: Lane 1: Recombinant Human Azurocidin Protein at 100ng
 Primary: Mouse Anti-Azurocidin Monoclonal Antibody at 1/1000 dilution (Cat. bsm-41703M)
 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-41703M) 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-41703M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.