

bsm-41704M**[Primary Antibody]****Bioss**
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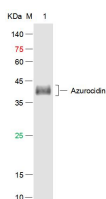
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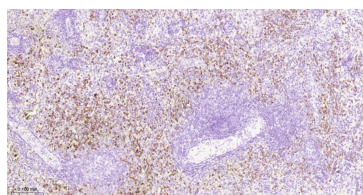
Azurocidin/HBP Mouse mAb**— DATASHEET —****Host:** Mouse**Isotype:** IgG1**Clonality:** Monoclonal**CloneNo.:** 5F1**GeneID:** 566**SWISS:** P20160**Target:** Azurocidin/HBP**Immunogen:** Recombinant Human Azurocidin Protein; 20-250/251.**Purification:** affinity purified by Protein A**Storage:** 0.01M PBS (pH7.4).

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

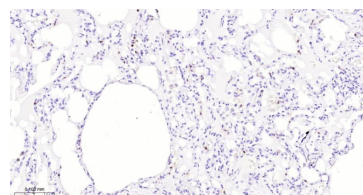
Background: This is a neutrophil granule-derived antibacterial and monocyte- and fibroblast-specific chemotactic glycoprotein. Binds heparin. The cytotoxic action is limited to many species of Gram-negative bacteria; this specificity may be explained by a strong affinity of the very basic N-terminal 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 *P.aeruginosa*, this activity is inhibited by LPS from *P.aeruginosa*.

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**— 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.