

Azurocidin Antibody FITC Conjugated

Catalog No: #C06890F

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Description

Product Name	Azurocidin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human Cationic antimicrobial protein 37
Conjugates	FITC
Target Name	Azurocidin
Other Names	Azu 1; Azu1; Azurocidin; CAP37; CAP7_HUMAN; cationic antimicrobial protein 37; Cationic antimicrobial protein CAP37; HBP; Heparin binding protein; Heparin-binding protein; HUMAZUR.
Accession No.	NCBI Gene ID566
Uniprot	P20160
GeneID	566;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

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*.

Note: This product is for in vitro research use only