



Rabbit Anti-AZU1 monoclonal antibody, clone 419 (CABT-L537)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human Azurocidin
Target	Human Azurocidin
Immunogen	Recombinant Human Azurocidin
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	419
Conjugate	Unconjugated
Applications	ELISA
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant human Azurocidin
Format	Liquid
Size	100 µg
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -

80°C. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

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*

Keywords

AZU1; azurocidin 1; azurocidin; AZAMP; AZU; CAP37; cationic antimicrobial protein 37; HBP; heparin binding protein; HUMAZUR; NAZC; neutrophil azurocidin; heparin-binding protein; cationic antimicrobial protein CAP37;

GENE INFORMATION

Entrez Gene ID

[566](#)

UniProt ID

[P20160](#)
