

AZU1

Mouse Anti-Human Azurocidin (Clone B-R37) mAb, Azide Free

Catalog No.	CDM307A CDM307B	Quantity:	200 µg 500 µg
Alternate Names:	Cationic antimicrobial protein 37, CAP37, Heparin-binding protein, HBP		
Description:	The monoclonal antibody recognizes human Azurocidin-1, an azurophil granule antibiotic protein with monocyte chemotactic and antibacterial activity. Azurophil granules are specialized lysosomes in neutrophils and contain at least 10 proteins implicated in the killing of microorganisms, including Azurocidin-1. It is also an important multifunctional inflammatory mediator. The protein is a member of the serine protease gene family, but it is not a serine proteinase because the active site serine and histidine residues are replaced.		
UniProt ID:	P20160		
Gene ID:	566		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes native and recombinant human Azurocidin/HBP. Recognizes soluble antigen.		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c node cells		
Isotype:	Mouse IgG2bk		
Immunogen:	Recombinant human Azurocidin		
Clone:	B-R37		
Formulation:	Sterile-filtered PBS, carrier and preservative free		
Purification:	Ion exchange chromatography		
Applications:	ELISA		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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