

Mouse Monoclonal Antibody to Proteinase 3

Catalogue Number	sAP-0309
Target Molecule	Name: Proteinase 3 Aliases: PRTN3; ACPA; CANCA MW: 28kDa Entrez Gene ID: 5657
Description	Proteinase 3, also known as PRTN3. PRTN3 is a serine protease enzyme expressed mainly in neutrophil granulocytes. Its exact role in the function of the neutrophil is unknown but in human neutrophils proteinase 3 contributes to the proteolytic generation of antimicrobial peptides. It is also the epitope of anti-neutrophil cytoplasmic antibodies (ANCAs) of the cANCA (cytoplasmic subtype) class, a type of antibody frequently found in the disease Wegener's granulomatosis.
Immunogen	Purified recombinant fragment of human Proteinase 3 expressed in E. Coli.
Recombinant Species	Human
Clone	MM3B4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Antibody are purified by protein G affinity chromatography. ; Liquid in PBS containing 50% glycerol and 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Blood. 2007 Dec 1;110(12):4086-95. ; 2. Clin Exp Immunol. 2006 Jul;145(1):63-70.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**