
Product Name: Proteinase 3 Mouse Monoclonal Antibody**Catalog #: AMM80762**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	28kDa

Antigen Information

Gene Name	Proteinase 3
Alternative Names	PRTN3; ACPA; CANCA
Gene ID	5657.0
SwissProt ID	P24158
Immunogen	Purified recombinant fragment of human Proteinase 3 expressed in E. Coli.

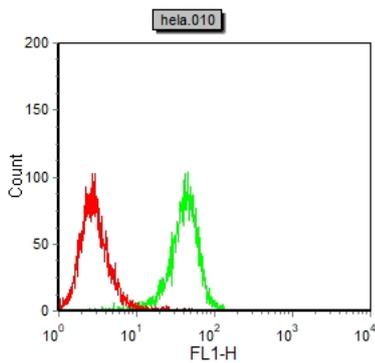
Background

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 (ANCA) of the cANCA

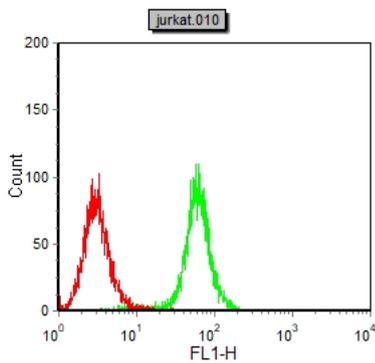
(cytoplasmic subtype) class, a type of antibody frequently found in the disease Wegener's granulomatosis.

Research Area

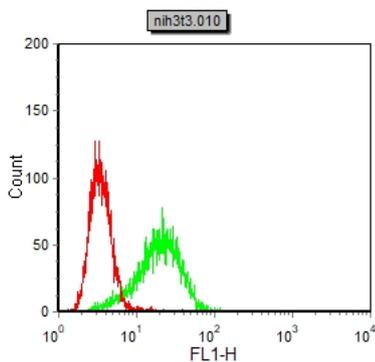
Image Data



Flow cytometric analysis of hela cells using Proteinase 3 mouse mAb (green) and negative control (red).



Flow cytometric analysis of jurkat cells using Proteinase 3 mouse mAb (green) and negative control (red).



Flow cytometric analysis of NIH3T3 cells using Proteinase 3 mouse mAb (green) and negative control (red).