

Product datasheet for **AM06358PU-N**

PR3 (PRTN3) Mouse Monoclonal Antibody [Clone ID: 3B4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3B4
Applications:	ELISA, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human Proteinase 3 expressed in E. Coli.
Specificity:	This antibody reacts to Proteinase 3.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 50% glycerol Preservative: 0.03% sodium azide
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	28 kDa
Gene Name:	proteinase 3
Database Link:	Entrez Gene 5657 Human P24158



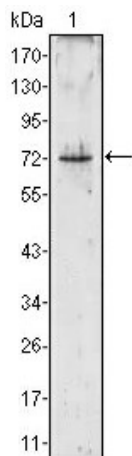
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Background:

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.

Synonyms:

Myeloblastin, MBN, Leukocyte proteinase 3, Proteinase 3, PRTN3, PR-3, Neutrophil proteinase 4, NP-4, P29, Wegener autoantigen, AGP7

Product images:

Western blot analysis using PRTN3 mouse mAb against PRTN3 (aa28-256)-hIgGFc transfected HEK293 cell lysate (1).