

Datasheet for ABIN969498

anti-PRTN3 antibody[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	PRTN3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PRTN3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human Proteinase 3 expressed in E. coli.
Clone:	3B4
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	PRTN3
Alternative Name:	Proteinase 3 (PRTN3 Products)
Background:	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 (ANCA's)

Target Details

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

Aliases: PRTN3, ACPA, CANCA

Molecular Weight: 28 kDa

Gene ID: 5657

HGNC: 5657

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Antibody are purified by protein G affinity chromatography. Liquid in PBS containing 50 % glycerol and 0.03 % sodium azide.

Preservative: Sodium azide

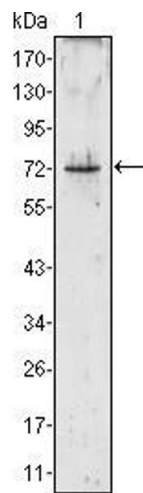
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in oral lichen planus." in: **Journal of oral science**, Vol. 51, Issue 3, pp. 355-65, (2009) ([PubMed](#)).



Western Blotting

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