

## Proteinase 3 Ab

[Images\(1\)](#)

Cat.#: BF0163  
Size:

Concn.: ~1mg/ml  
Source: Mouse

Mol.Wt.: 28kDa  
Clonality: Monoclonal

Application:

ELISA 1:10000, WB 1:500-1:2000  
\*The optimal dilutions should be determined by the end user.

Reactivity:

Human

Storage:

Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

Affinity-chromatography.

Immunogen:

Purified recombinant fragment of human Proteinase 3 expressed in E. Coli.

Uniprot:

P24158

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

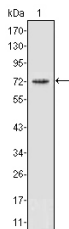


Figure 1: Western blot analysis using PRTN3 mouse mAb against PRTN3 (aa28-256)-hIgGFc transfected HEK293 cell lysates (1).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.