

# Proteinase 3/PR3 Rabbit mAb

Catalog No.: A19748 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

28kDa

### Calculated MW

28kDa

### Category

Primary antibody

### Applications

IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC2275

## Background

Enables enzyme binding activity; serine-type endopeptidase activity; and signaling receptor binding activity. Involved in several processes, including mature conventional dendritic cell differentiation; membrane protein ectodomain proteolysis; and neutrophil extravasation. Located in azurophil granule lumen; cytosol; and plasma membrane raft. Colocalizes with plasma membrane.

## Recommended Dilutions

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5657

### Swiss Prot

P24158

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Proteinase 3/PR3 (P24158).

### Synonyms

MBN; MBT; NP4; P29; PR3; ACPA; AGP7; NP-4; PR-3; CANCA; C-ANCA; Proteinase 3/PR3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

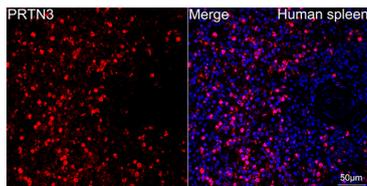
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data

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Confocal imaging of paraffin-embedded Human spleen using Proteinase 3/PR3 Rabbit mAb (A19748, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.