

## PR3 Monoclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-MCA1060
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human PR3 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Myeloblastin
Synonyms	PRTN3; MBN; Myeloblastin; AGP7; C-ANCA antigen; Leukocyte proteinase 3; PR-3; PR3; Neutrophil proteinase 4; NP-4; P29; Wegener autoantigen

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Catalytic activity:Hydrolysis of proteins, including elastin, by preferential cleavage: -Ala-|-Xaa- > -Val-|-Xaa-.,function:Polymorphonuclear leukocyte serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) and causes emphysema when administered by tracheal insufflation to hamsters.,online information:Proteinase 3 entry,similarity:Belongs to the peptidase S1 family. Elastase subfamily.,similarity:Contains 1 peptidase S1 domain.,

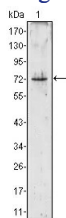
### Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using PR3 Monoclonal antibody against PRTN3 (aa28-256)-hIgGfc transfected HEK293 cell lysate (1).

### Storage

-20°C for one year