

**Immunotag™ PR3 Monoclonal Antibody**

Antibody Specification	
Catalog No.	ITM0532
Product Description	Immunotag™ PR3 Monoclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PR3
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Mouse
Immunogen	Purified recombinant fragment of human PR3 expressed in E. Coli.
Specificity	PR3 Monoclonal Antibody detects endogenous levels of PR3 protein.
Purification	Affinity purification
Form	Ascitic fluid containing 0.03% sodium azide.
Gene Name	PRTN3
Accession No.	P24158 Q61096
Alternate Names	PRTN3; MBN; Myeloblastin; AGP7; C-ANCA antigen; Leukocyte proteinase 3; PR-3; PR3; Neutrophil proteinase 4; NP-4; P29; Wegener autoantigen
Description	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.,

## Antibody Specification

Protein Expression	Neutrophil,Serum,
Subcellular Localization	extracellular space,cytosol,plasma membrane,extracellular matrix,extracellular exosome,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.