Proteinase 3 (PR3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Proteinase 3 (PR3), Polyclonal Antibody
Full Product Name	PE-Linked Polyclonal Antibody to Proteinase 3 (PR3)
Product Gene Name	anti-PR3 antibody
Product Synonym Names	MBN; PRTN3; ACPA; AGP7; C-ANCA; MBT; P29; PRK; Myeloblastin; Serine Proteinase, Neutrophil, Wegener Granulomatosis Autoantigen; Protease K; Proteinase K; Endopeptidase K
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Rat
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: PR3 (MBS2005777) PE Conjugated Antibody: PR3 (MBS2055152)
Matching Pairs	PE Conjugated Antibody: PR3 (MBS2055152) Immunogen: PR3 (MBS2010182)
Molecular Weight	27,807 Da
OMIM	M75154 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	PR3 (Ala24~Leu249)
Conjugation	PE
Cross Reactivity	Mouse
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2005777
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-PR3 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-PR3 antibody	MBS2055152 is an antibody targeting PR3. Also known as PE-Linked Polyclonal Antibody to Proteinase 3 (PR3). Reactive in Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-PR3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PR3. It may not necessarily be applicable to this product.

NCBI GI #	1335280
NCBI GeneID	5657
NCBI Accession #	CAA39203.1

UniProt Secondary Accession #	P15637; P18078; Q4VB08; Q4VB09; Q6LBM7; Q6LBN2; Q9UD25; Q9UQD8
UniProt Related Accession #	P24158
NCBI Official Full Name	proteinase 3
NCBI Official Synonym Full Names	proteinase 3
NCBI Official Symbol	PRTN3
NCBI Official Synonym Symbols	MBN; MBT; NP4; P29; PR3; ACPA; AGP7; NP-4; PR-3; CANCA; C-ANCA
UniProt Protein Name	Myeloblastin
UniProt Synonym Protein Names	AGP7; C-ANCA antigen; Leukocyte proteinase 3; PR-3; PR3; Neutrophil proteinase 4; NP-4; P29; Wegener autoantigen
UniProt Gene Name	PRTN3
UniProt Synonym Gene Names	MBN; PR-3; PR3; NP-4
NCBI Protein Information	myeloblastin
UniProt Comments for PR3	PRTN3: 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. Belongs to the peptidase S1 family. Elastase subfamily. Protein type: Cell cycle regulation; EC 3.4.21.76; Protease Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: cytosol; extracellular matrix; extracellular space; plasma membrane Molecular Function: enzyme binding; serine-type endopeptidase activity; serine-type peptidase activity Biological Process: blood coagulation; negative regulation of phagocytosis; positive regulation of cell proliferation
Research Articles on PR3	**1.** Report prognostic value of proteinase-3-antineutrophil cytoplasmic antibody in patients with idiopathic interstitial pneumonias.
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