

PRTN3 Human

Description: PRTN3 is a natural antigen having a molecular mass of 25kDa to 32kDa due to glycosylation isoforms. PRTN3 is isolated from human peripheral blood leukocytes.

Catalog #: enPS-082

Synonyms: AGP7, P29, PR-3, ACPA, C-ANCA, MBT, MBN, Leukocyte proteinase 3, Neutrophil proteinase 4, Wegener granulomatosis autoantigen, Azurophil granule protein 7, myeloblastin, Serine proteinase neutrophil.

For research use only.

Source: Native.

Purity: Greater than 80% in the sum of different glycosylation isoforms according to following section as determined by SDS-PAGE and capillary electrophoresis.

Formulation:

PRTN3 is supplied in 16mM HEPES buffer pH-8.0, 400mM NaCl, and 20% glycerol.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

Western blot with rabbit anti-PR3 antisera and mouse anti-PR3 monoclonal antibodies.

Introduction:

PRTN3 is a polymorphonuclear leukocyte serine protease which degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) and causes emphysema once managed by tracheal insufflation to hamsters.

Storage:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

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