

Proteinase 3 (PR3; non recombinant)

Antigen Specification

Product Number: 18600

Description:

Human proteinase 3 (PR3).
Natural antigen for in vitro research
and manufacturing use only.

Immunological function:

Binds IgG-type human auto-antibodies.
Auto-antibodies to PR3 recognize
conformation-dependent epitopes.

Origin:

Native. Isolated from human peripheral
blood leukocytes.

Biochemical tests:

SDS-PAGE; capillary electrophoresis
(purity > 80% in the sum of different
glycosylation isoforms according to
following section); Western blot with
rabbit anti-PR3 antiserum and mouse
anti-PR3 monoclonal antibody.

Apparent molecular weight:

approx. 25 kDa to 32 kDa (due to
glycosylation isoforms).

Immunological tests/Functionality:

Standard ELISA test (checkerboard
analysis of positive/negative samples);
immunodot analyses with positive/
negative samples.

**Recommended buffer/storage and
handling conditions:**

Recommendations for storage buffer:
neutral to slightly acidic pH, low
concentration of a neutral detergent.
Storage conditions: -70°C or below.
Repeated freeze/thaw cycles should
be avoided.

Coating concentration:

0.5-1.0 µg/mL (depending on the type
of ELISA plate and coating buffer).
Suitable for labeling of functional
groups.

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