

RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Rabbit Anti-Human PAI-1

Catalog No.
129-10513

Target Species
Human

Isotype
Polyclonal IgG

Synonyms

PAI1, PLANH1

Preparation

Purification: Antiserum to human PAI-1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Immunogen: Recombinant human PAI-1

Specificity

129-10513 specifically recognizes human PAI-1 (plasminogen activator inhibitor-1), otherwise known as SERPINE1, a 45kDa serine protease inhibitor and member of the serpin family, which acts as the primary inhibitor of tissue plasminogen activator (tPA) and urokinase plasminogen activator (uPA), and hence fibrinolysis.

Increased levels of PAI-1 are associated with diabetes, cardiovascular disease and an increased occurrence of thrombosis in obesity, and can be induced by obesity related factors including insulin, glucose and VLDL (very-low-density lipoprotein).

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG - lyophilized

Reconstitution: Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended.

Buffer Solution: Phosphate buffered saline pH7.2

Preservative Stabilizers: None present

Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Storage

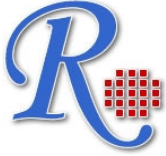
Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 12 months from date of reconstitution.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Options	YES	NO	Not determined	Recommended Work dilution or concentration
Functions				
Elisa	•			0.5 – 2.0 ug/ml
Western Blotting	•			0.1 - 0.2 ug/ml

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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