

Product datasheet for **AM05029PU-N**

PAI1 (SERPINE1) Mouse Monoclonal Antibody [Clone ID: 3E529]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3E529
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant human PAI
Specificity:	This antibody recognizes both free and complexed forms of Human PAI-1.
Formulation:	0.05M Sodium phosphate, 0.1M Sodium chloride, 1mM EDTA, pH 6.6 State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	>98% pure (SDS-PAGE). Protein A chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C or long term (in aliquots) at -70°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serpin family E member 1
Database Link:	Entrez Gene 5054 Human P05121
Background:	PAI1 (plasminogen activator inhibitor 1) is originally cloned from human endothelial cell (Pannekoek 1986, Ginsburg 1986) and rat hepatoma cell 3 cDNA libraries. As a member of the serpin family of serine protease inhibitors, PAI1 inhibits both tissue type plasminogen activator (tPA) and urokinase type plasminogen activator (uPA). High PAI1 levels are associated with an increased risk of thromboembolic disease while PAI1 deficiency may represent an inherited autosomal recessive bleeding disorder.



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Synonyms: Serpin E1, PLANH1, Plasminogen Activator Inhibitor 1, PAI-1, PAI

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Complement and coagulation cascades, p53 signaling pathway