

PLAU

Sheep Anti-Dog Urokinase Plasminogen Activator Biotin pAb

Catalog No.	CSI19927A	Quantity:	1.0 mg
	CSI19927B		10 mg

Alternate Names: ATF, UPA, URK, u-PA, PLAU

Description: Urokinase Plasminogen Activator (uPA) is a serine protease involved in degradation of the extracellular matrix and possibly tumor cell migration and proliferation. A specific polymorphism in this gene may be associated with late-onset Alzheimer's disease and also with decreased affinity for fibrin-binding. This protein converts Plasminogen to Plasmin by specific cleavage of an Arg-Val bond in Plasminogen. Plasmin in turn cleaves this protein at a Lys-Ile bond to form a two-chain derivative in which a single disulfide bond connects the amino-terminal A-chain to the catalytically active, carboxy-terminal B-chain. This two-chain derivative is also called HMW-uPA (High Molecular Weight uPA). HMW-uPA can be further processed into LMW-uPA (Low Molecular Weight uPA) by cleavage of chain A into a short chain A (A1) and an ATF-uPA (Amino-Terminal Fragment uPA). LMW-uPA is proteolytically active but does not bind to the uPA Receptor (uPAR).

GeneID: 403426

Concentration: 10.0 mg/mL

Specificity: Dog uPA

Host: Sheep

Immunogen: Dog uPA

Isotype: IgG

Conjugate: Biotin

Formulation: Frozen Liquid in 0.05 M Sodium Phosphate + 0.1 M NaCl + 1 mM EDTA pH 6.6

Purification: Protein G purified

Storage & Stability: Store at -70°C.

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