

## PLAT

### Sheep Anti-Human tPA pAb

<b>Catalog No.</b>	CS257A CS257B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	tissue-type Plasminogen Activator, TPA, T-PA		
<b>Description:</b>	The sheep polyclonal antibody recognizes human tissue-type Plasminogen activator (tPA), a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. TPA is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein, with a molecular weight of approximately 70 kDa. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism.		
<b>Gene ID:</b>	5327		
<b>UniProtKB:</b>	P00750		
<b>Specificity:</b>	Recognizes human Tissue Plasminogen Activator (tPA)		
<b>Host:</b>	Sheep		
<b>Isotype:</b>	IgG		
<b>Immunogen:</b>	Recombinant full length wild-type human protein (glycosylated).		
<b>Concentration:</b>	2.5 mg/mL		
<b>Volume:</b>	40 µL		
<b>Formulation:</b>	Liquid in 0.05M sodium phosphate, 0.1M sodium chloride, 1mM EDTA, pH 6.6		
<b>Purification:</b>	Affinity purified by immobilized human tPA.		
<b>Conjugate:</b>	Unconjugated		
<b>Applications:</b>	ELISA, Western Blot, Immunohistochemistry (Frozen), Affinity Purification		
<b>Application Notes:</b>	The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store in working aliquots at -80 °C for up to one year. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

