

Anti-Thrombin Reference Antibody (U.Cambridge patent anti-Thrombin)

Catalog # APR11383

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P00734
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP-opti
Calculated MW	70037

Additional Information

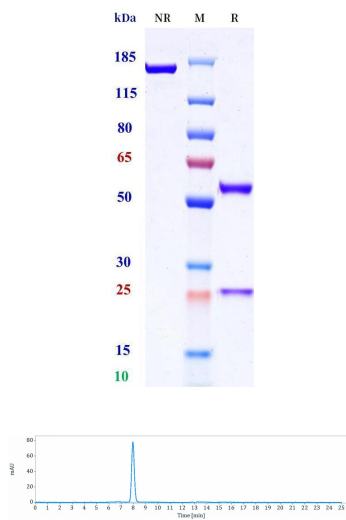
Target/Specificity	Thrombin
Expression system	CHO

Protein Information

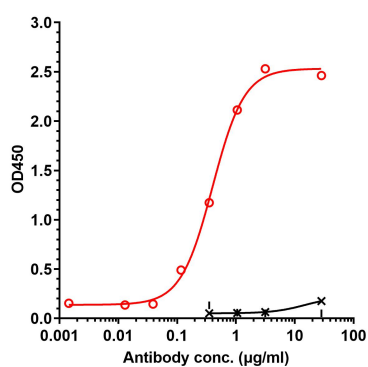
Name	F2
Function	Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing. Activates coagulation factor XI (F11); activation is promoted by the contact with negatively charged surfaces (PubMed: 2019570 , PubMed: 21976677). Triggers the production of pro- inflammatory cytokines, such as MCP-1/CCL2 and IL8/CXCL8, in endothelial cells (PubMed: 30568593 , PubMed: 9780208).
Cellular Location	Secreted, extracellular space.
Tissue Location	Expressed by the liver and secreted in plasma.

Images

Anti-Thrombin Reference Antibody (U.Cambridge patent anti-Thrombin) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Thrombin Reference Antibody (U.Cambridge patent anti-Thrombin) is 98.4%, determined by SEC-HPLC.



Immobilized hu-Thrombin-his at 2 µg/mL can bind U.Cambridge patent anti-Thrombin, EC50= 0.4002 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.