

# Product Datasheet

## Coagulation Factor II/Thrombin Antibody (1B7) - Azide and BSA Free H00002147-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00002147-M01**

Coagulation Factor II/Thrombin Antibody (1B7) - Azide and BSA Free

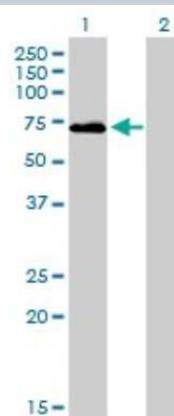
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1B7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

Product Description	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	2147
<b>Gene Symbol</b>	F2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	F2 - coagulation factor II (thrombin)
<b>Immunogen</b>	F2 (AAH51332, 263 a.a. ~ 362 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. RNPDGDEEGAWCYVAGKPGDFGYCDLNYCEEAVEEETGDGLDEDSRAIEG RTATSEYQTFNPRFTFGSGEADCGLRPLFEKKSLEDKTERELLESYIDG
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

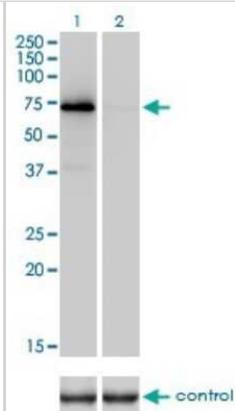
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunoprecipitation, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunoprecipitation, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

**Images**

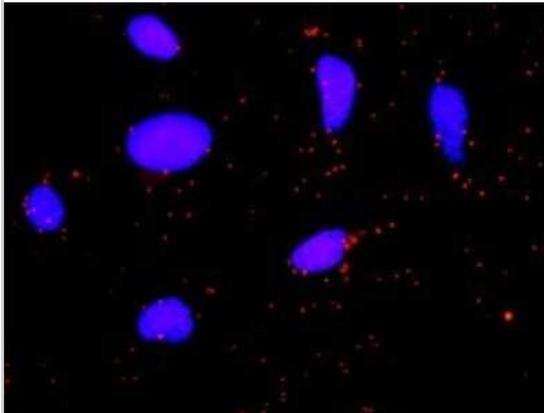
Western Blot: Coagulation Factor II/Thrombin Antibody (1B7) [H00002147-M01] - Analysis of F2 expression in transfected 293T cell line by F2 monoclonal antibody (M01), clone 1B7. Lane 1: F2 transfected lysate(70 KDa). Lane 2: Non-transfected lysate.



**Western Blot: Coagulation Factor II/Thrombin Antibody (1B7)**  
 [H00002147-M01] - Analysis of F2 over-expressed 293 cell line, cotransfected with F2 Validated Chimera RNAi ( Cat # H00002147-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with F2 monoclonal antibody (M01), clone 1B7 (Cat # H00002147-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



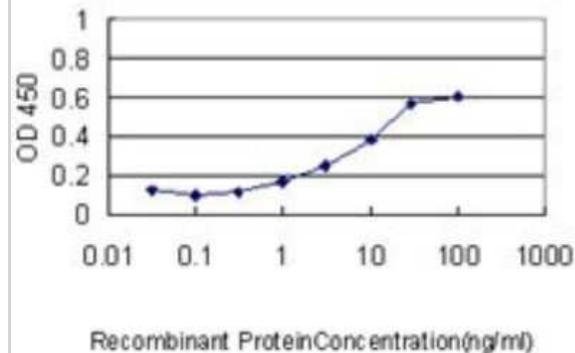
**Proximity Ligation Assay: Coagulation Factor II/Thrombin Antibody (1B7)**  
 [H00002147-M01] - Analysis of protein-protein interactions between FGA and F2. HeLa cells were stained with anti-FGA rabbit purified polyclonal 1:1200 and anti-F2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



**Immunoprecipitation: Coagulation Factor II/Thrombin Antibody (1B7)**  
 [H00002147-M01] - Analysis of F2 transfected lysate using anti-F2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with F2 MaxPab rabbit polyclonal antibody.



**Sandwich ELISA: Coagulation Factor II/Thrombin Antibody (1B7)**  
 [H00002147-M01] - Detection limit for recombinant GST tagged F2 is approximately 1ng/ml as a capture antibody.





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### **Products Related to H00002147-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP2-33728PEP	Coagulation Factor II/Thrombin Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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