

# Product Datasheet

## D-Dimer Antibody (DD2) - BSA Free NB110-8376

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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### Publications: 4

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**NB110-8376**

D-Dimer Antibody (DD2) - BSA Free

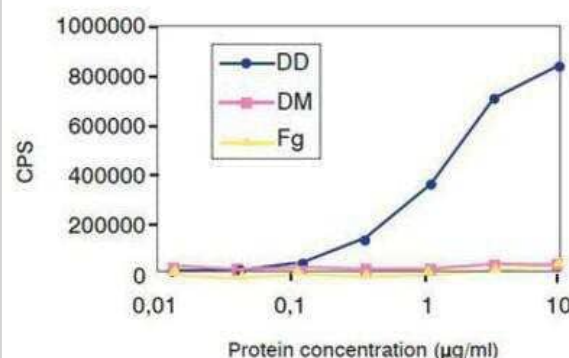
Product Information	
Unit Size	0.2 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	DD2
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Host	Mouse
Species	Human
Specificity/Sensitivity	Recognizes D-dimer and high molecular weight fibrin degradation products. No cross-reaction with fibrinogen.
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with D-dimer.

Product Application Details	
Applications	Western Blot, ELISA, Immunoassay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA, Immunoassay, Sandwich ELISA 1:100-1:2000
Application Notes	Recognizes D-dimer in Western blotting under non-reducing conditions. Recommended pair to be used in sandwich immunoassay in human plasma: NB110-8376 (capture) - NB100-73038 (detection) (slightly more specific for high MW fibrin degradation products than D-Dimer). Use in ELISA reported in scientific literature (PMID:33542640).

**Images**

Sandwich ELISA: D-Dimer Antibody (DD2) [NB110-8376] - Detection of D-dimer, D-monomer and fibrinogen by the DD2-DD41 assay.



## Publications

Yin J, Niu J, Huo J et al. Construction and Evaluation of a Novel MAP Immunoassay for 9 Nutrition-and-Health-Related Protein Markers Based on Multiplex Liquid Protein Chip Technique Nutrients 2023-03-21 [PMID: 36986252]

Alhuthali H, Almehmadi M, Ataya E et al. Neutrophilia and its correlation with increased inflammatory response in COVID-19 in diabetic and pre-diabetic patients European Journal of Inflammation 2023-12-01

Salim, AAEG;Afia, AAEL;Abd El-Malik, M; D-DIMER AS A MARKER FOR PEDIATRIC TRAUMATIC BRAIN INJURY IN RELATION TO THE TIME OF LABORATORY ACQUISITION Al-Azhar Journal of Pediatrics

Mehanna O, El Askary A, Ali E, et al. Impact of Obesity and Its Associated Comorbid Conditions on COVID-19 Presentation Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy 2021-01-01 [PMID: 33542640] (ELISA, Human)





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### **Products Related to NB110-8376**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP3-08100	Mouse D-Dimer ELISA Kit (Colorimetric)

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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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