

# Product Datasheet

## Fibrin beta-chain Antibody (8E5) [CoraFluor™ 1] NBP2-81110CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-81110CL1**

Fibrin beta-chain Antibody (8E5) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	8E5
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	2244
Gene Symbol	FGB
Species	Human
Specificity/Sensitivity	8E5 binds to the amino-terminal region of the beta-chain of human fibrin at an epitope consisting of GHRPLDKC. Binding is possible in both the monomeric form and the polymeric form of the protein. This peptide sequence is found only in fibrin, and not in its precursor fibrinogen and so there is no cross-reactivity with fibrinogen. Fibrin is a non-globular protein which plays a role in the clotting of blood and circulates as the precursor fibrinogen. Polymerization occurs through the action of the protease thrombin, which results in the active fibrin. Fibrin polymerizes as an insoluble matrix and forms a clot along with platelets over a wound site.
Immunogen	8E5 was prepared fusing Sp2/o myeloma cells with spleen cells derived from female BALB/c mice immunized with a synthetic beta-fibrin peptide sequence GHRPLDKC conjugated to MB-KLH (maleimidobenzoylated keyhole limpet hemocyanin).
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	ELISA, In vivo assay
Recommended Dilutions	ELISA, In vivo assay
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-81110CL1**

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DY1707	C-Reactive Protein/CRP [Biotin]
NB110-60531	Apolipoprotein E/ApoE Antibody (WUE-4) - BSA Free
NBP1-19773	Serpin E1/PAI-1 Antibody - BSA Free
AF1513	ACE/CD143 Antibody [Unconjugated]

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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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