

Product Datasheet

Fibrin beta-chain Antibody (8E5) [Alexa Fluor® 488] NBP2-81110AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-81110AF488

Fibrin beta-chain Antibody (8E5) [Alexa Fluor® 488]

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.
Clonality	Monoclonal
Clone	8E5
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 488
Purity	Protein A purified
Buffer	50mM Sodium Borate
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).



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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 NBP2-81110AF488

IC002G	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 488]
D6050	IL-6 [HRP]
DY1707	C-Reactive Protein/CRP [Biotin]
NB110-60531	Apolipoprotein E/ApoE Antibody (WUE-4) - BSA Free

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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