

Product Datasheet

Fibrin beta-chain Antibody (8E5) - Azide and BSA Free NBP2-81110-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81110-0.2mg

Fibrin beta-chain Antibody (8E5) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	8E5
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
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).
Product Application Details	
Applications	ELISA, In vivo assay
Recommended Dilutions	ELISA, In vivo assay
Application Notes	The recombinant scFv version of 8E5 retains the same antigen-binding activity of the parent antibody. 8E5 can bind to fibrin in the monomeric and polymeric form, both in vivo and ex vivo. This antibody can also be used for the immunodetection of fibrin in vivo. Standard ELISA and competitive ELISA using the epitope peptide has been conducted with both the parental antibody and the scFv.





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Products Related to NBP2-81110-0.2mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
DY1707	C-Reactive Protein/CRP [Biotin]

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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