

Product Datasheet

Fibrin beta-chain Antibody (8E5) [Alexa Fluor™ Plus 405] NBP2-81110AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-81110AFP405

Fibrin beta-chain Antibody (8E5) [Alexa Fluor™ Plus 405]

| 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 Plus 405 |
| 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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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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