

# Product Datasheet

## Fibrin Antibody (UC45)

### NBP2-50407

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-50407**

Fibrin Antibody (UC45)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	UC45
Preservative	0.02% Sodium Azide
Isotype	IgM
Purity	Thiophilic Chromatography
Buffer	PBS
Target Molecular Weight	45 kDa

Product Description	
Host	Mouse
Species	Human
Specificity/Sensitivity	This antibody is specific for monocytic leukemias. The relevant antigens are not expressed in all cases with monocytic differentiation. Cross reacts with fibrinogen.
Immunogen	Human acute monoblastic leukemia cells.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Radioimmunoassay, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10 - 1:500, Radioimmunoassay 1:100 - 1:2000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Publications**

Alexander E. Kostyunin, Tatiana V. Glushkova, Arseniy A. Lobov, Evgeny A. Ovcharenko, Bozhana R. Zainullina, Leo A. Bogdanov, Daria K. Shishkova, Victoria E. Markova, Maksim A. Asanov, Rinat A. Mukhamadiyarov, Elena A. Velikanova, Tatiana N. Akentyeva, Maria A. Rezvova, Alexander N. Stasev, Alexey V. Evtushenko, Leonid S. Barbarash, Anton G. Kutikhin Proteolytic Degradation Is a Major Contributor to Bioprosthetic Heart Valve Failure Journal of the American Heart Association: Cardiovascular and Cerebrovascular Disease 2022-12-24 [PMID: 36565196]

Huang L, Peng S, Liu Z et al. Natural blood plasma-based hydrogels as tumor vaccines delivery systems to enhance biomimetic recruitment of antigen presenting cells for tumor immunotherapy Materials today. Bio 2022-12-15 [PMID: 36420056] (ICC/IF, Mouse)

Details:

Was used to assess a plasma hydrogel, See significant figure 1

Kostyunin A, Glushkova T, Stasev A et al. Early Postoperative Immunothrombosis of Bioprosthetic Mitral Valve and Left Atrium: A Case Report International journal of molecular sciences 2022-06-16 [PMID: 35743174] (IF/IHC, Human)





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### **Products Related to NBP2-50407**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)

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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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