

# Product Datasheet

## Coagulation Factor III/Tissue Factor Antibody (CLB/TF-1) [Alexa Fluor® 647] NB100-64304AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-64304AF647**

Coagulation Factor III/Tissue Factor Antibody (CLB/TF-1) [Alexa Fluor® 647]

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	CLB/TF-1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 647
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	2152
Gene Symbol	F3
Species	Human
Reactivity Notes	Reacts with Human.
Specificity/Sensitivity	NB100-64304 recognizes human CD142, a 45kD cell surface glycoprotein which is otherwise known as Tissue Factor (TF). CD142 expression can be induced on monocytes, macrophages and endothelial cells by various stimuli including interleukin 1, tumour necrosis factor and endotoxin. CD142 initiates the blood clotting cascade by binding coagulation factor VIIa, which activates factor IX or factor X by specific limited proteolysis. CD142 also plays an important role in inflammation, angiogenesis, and the pathophysiology of atherosclerosis and cancer.
Immunogen	Made to Human CD142
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

**Product Application Details**

<b>Applications</b>	ELISA, Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA
<b>Application Notes</b>	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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