

# Product Datasheet

## Factor VIII Antibody (RFF-VIII C/10) [Alexa Fluor® 488] NBP1-41021AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-41021AF488**

Factor VIII Antibody (RFF-VIIIIC/10) [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RFF-VIIIIC/10
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2157
<b>Gene Symbol</b>	F8
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody recognises human Factor VIII, an essential blood coagulation factor. Whilst circulating in the blood, it is mostly stably complexed to von Willebrand factor. It is activated through cleavage at various sites, dissociates from the complex and interacts with Factor IXa, in the presence of calcium ions and phospholipids, to convert Factor X to the activated Factor Xa, which activates thrombin. Thrombin cleaves fibrinogen into fibrin, which polymerises and cross-links to form a blood clot. The activated Factor VIII is proteolytically inactivated and cleared from the bloodstream. Clone RFF-VIIIIC/10 recognises an epitope within the non-functional, middle domain of full-length Factor VIII.
<b>Immunogen</b>	Affinity purified human Factor VIII
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**Product Application Details**

<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	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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