

## ARG22573 anti-Factor VIII antibody [RFF-VIIIIC/8]

Package: 250 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [RFF-VIIIIC/8] recognizes Factor VIII
Tested Reactivity	Hu, Pig
Species Does Not React With	Ms, Rat, Dog
Tested Application	ELISA, RIA, WB
Host	Mouse
Clonality	Monoclonal
Clone	RFF-VIIIIC/8
Isotype	IgG1
Target Name	Factor VIII
Species	Human
Immunogen	Affinity purified human Factor VIII.
Conjugation	Un-conjugated
Alternate Names	AHF; Antihemophilic factor; Coagulation factor VIII; HEMA; F8B; F8C; Procoagulant component; FVIII; DXS1253E

### Application Instructions

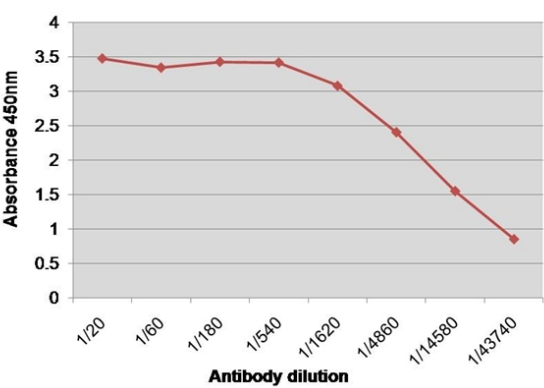
Application table	Application	Dilution
	ELISA	1:500 - 1:15000
	RIA	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.
<b>Bioinformation</b>	
Gene Symbol	F8
Gene Full Name	coagulation factor VIII, procoagulant component
Background	<p>This gene encodes coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca<sup>2+</sup> and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder. [provided by RefSeq, Jul 2008]</p>
Function	Factor VIII, along with calcium and phospholipid, acts as a cofactor for factor IXa when it converts factor X to the activated form, factor Xa. [UniProt]
Calculated Mw	267 kDa
PTM	Sulfation on Tyr-1699 is essential for binding vWF.

Images



ARG22573 anti-Factor VIII antibody [RFF-VIIIc/8] ELISA image

ELISA: Titration curve of ARG22573 anti-Factor VIII antibody [RFF-VIIIc/8]. Antigen: Recombinant Factor VIII.