

For Research Use Only

# Factor VIII Monoclonal antibody

Catalog Number: 66722-1-Ig



## Basic Information

<b>Catalog Number:</b> 66722-1-Ig	<b>GenBank Accession Number:</b> BC022513	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2157	<b>CloneNo.:</b> 1C11E11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P00451	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Isotype:</b> IgG1	<b>Full Name:</b> coagulation factor VIII, procoagulant component	
<b>Immunogen Catalog Number:</b> AG15772	<b>Calculated MW:</b> 2351 aa, 267 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human plasma tissue, human blood tissue
<b>Species Specificity:</b> human	

## Background Information

F8, also named as AHF and F8C, belongs to the multicopper oxidase family. F8, along with calcium and phospholipid, acts as a cofactor for factor IXa when it converts factor X to the activated form, factor Xa. F8 can be cleaved to 4 chains: F8a heavy chain, 200 kDa isoform, F8a heavy chain, 92 kDa isoform, F8 B chain and F8a light chain. This antibody can recognize the light chain.

## Storage

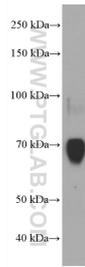
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 66722-1-Ig (F8 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.