

**Order Information**

Description:	<b>Rabbit anti Coagulation Factor VIII (Fused Form)</b>
Catalogue#:	601-950
Lot#:	See the label
Size:	100 ug/200 ul
Host:	Rabbit
Clone:	N/A
Application:	ELISA, WB, IHC
Reactivity:	Hu

**Rabbit anti Coagulation Factor VIII (Fused Form)**

Alternate Names: Factor VIII (FVIII)

**ANTIGEN PREPARATION**

A synthetic peptide corresponding to fused portion of human FVIII protein surrounding to HQREI domain with depletion of cleavage terminus.

**BACKGROUND**

The Coagulation Factor VIII (FVIII) is a glycoprotein essential for the intrinsic pathway of blood coagulation. A mature form of FVIII is a single-chain, 2351 amino acid polypeptide with a MW 265kDa. The FVIII can be activated by proteolytic cleavage intracellularly into a two-chain heterodimer, a heavy-chain and light-chain. The development of anti-factor VIII (FVIII) antibodies is currently one of the most serious complications in the treatment of haemophilia A patients due to the nature and properties of anti-FVIII antibodies, their mechanism of action, their neutralization by anti-idiotypic antibodies, and the role of T cells in FVIII inhibitor formation.

**PURIFICATION**

The Rabbit IgG is purified by Epitope Affinity Purification.

**SPECIFICITY**

This antibody recognizes ~265 kDa of human coagulation Factor VIII protein. The other species are not tested

**FORMULATION**

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer

**STORAGE**

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

**APPLICATIONS/SUGGESTED WORKING DILUTIONS**

Western Blot	Not tested
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	Not Tested
IHC	Not tested
Flow cytometry	Not tested

<b>MOLECULAR WEIGHT:</b>	265 kDa
<b>POSITIVE CONTROL:</b>	
<b>CELLULAR LOCATION:</b>	N/A

Optimal dilutions should be determined by researchers for the specific applications.

**DATA ATTACHMENTS**

**REFERENCES:**

Brooks, MB. et al. Indirect carrier detection of canine haemophilia A using factor VIII microsatellite markers. Anim Genet, 2008 Jun; 39 (3): 278-83.

**FOR RESEARCH USE ONLY.**