AbboMax, Inc

Innovation at Work

Order Information

Description: **Rabbit anti Coagulation Factor VIII (Cleaved, N-term)**
Catalogue#: 601-960
Lot#: See the label
Size: 100 ug/200 ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB, IHC
Reactivicty: Hu

Rabbit anti Coagulation Factor VIII (Cleaved, N-term)

Alternate Names: Factor VIII (FVIII)

ANTIGEN PREPARATION

A synthetic peptide corresponding to N-term of the cleavage form VLLKRHHQR of human FVIII protein. It also identical to mouse, chicken origin.

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.

FORMULATION

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

SPECIFICITY

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

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at –20^{o}C to –70^{o}C. The antibodies can be stored at 2^{o}C-8^{o}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

MOLECULAR WEIGHT:	185 kDa, 265 kDa
POSITIVE CONTROL:	
CELLULAR LOCATION:	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.

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