



Rabbit anti Coagulation Factor VIII (Fused form) Polyclonal Antibody

Alternative Name(s): FVIII; F8

Order Information

- **Description:** Coagulation Factor VIII (Fused form)
- **Catalogue:** 601-950
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

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

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered 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 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

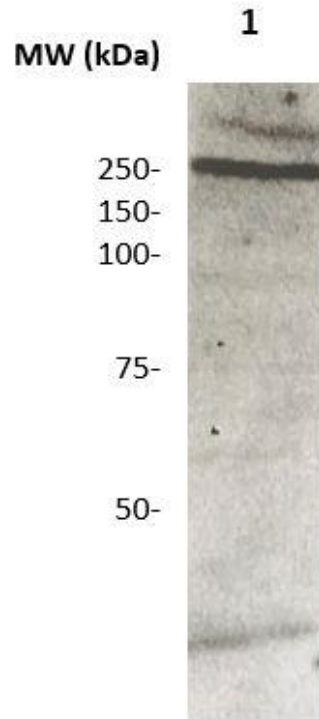
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 265-300
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

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

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Western Blot: The whole lysate derived from hepatocyte tissue (20 ug/lane) immunoblotted by Rabbit anti – FVIII antibody (Cat#601-950) at 1:1000. Observed a major immunoreactive band at molecular weight >200kDa.

REFERENCES

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