

# Anti-Factor VII [RFF-VII/2]

**Catalogue number:** 151532

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Alison Goodall

**Institute:** University College London (UCL)

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Factor VII [RFF-VII/2]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Factor VII is a 50kDa multi-domain, single chain plasma glycoprotein synthesised in the liver. It is essential for blood coagulation. Factor VII is converted to the active, two chain, serine protease Factor VIIa via cleavage by thrombin, factor Xa, factor IXa or factor XIIa. Factor VIIa converts factor X to factor Xa, which in turn converts prothrombin to thrombin. This monoclonal antibody inhibits human FVII activity and may also be used to immunodeplete FVII from normal plasma.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Purified human Factor VII

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Factor VII

**Target alternate names:**

**Target background:** Factor VII is a 50kDa multi-domain, single chain plasma glycoprotein synthesised in the liver. It is essential for blood coagulation. Factor VII is converted to the active, two chain, serine protease Factor VIIa via cleavage by thrombin, factor Xa, factor IXa or factor XIIa. Factor VIIa converts factor X to factor Xa, which in turn converts prothrombin to thrombin. This monoclonal antibody inhibits human FVII activity and may also be used to immunodeplete FVII from normal plasma.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; Fn ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** RPMI + 10% FCS; non-adherent; subculture every 2-3 days; split 1:5

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Goodall et al. 1985. Thromb Haemost. 54(4):878-91. PMID: 3937279. ; Registry of monoclonal antibodies to factor VIII and von Willebrand factor. International Committee on Thrombosis and Haemostasis. ; Rotblat et al. 1985. Biochemistry. 24(16):4294-300. PMID: 2413885. ; Purification of human factor VIII:C and its characterization by Western blotting using monoclonal antibodies. ; Rotblat et al. 1983. J Lab Clin Med. 101(5):736-46. PMID: 6403638. ; Monoclonal antibodies to human procoagulant factor VIII.

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