

Anti-Factor VII [RFF-VII/1] Standard Size Ab00847-13.12

Developed in partnership with Ximbio (www.ximbio.com).

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG4-S228P, Kappa

Clone Number: RFF-VII/1

Alternative Name(s) of Target: Coagulation factor VII; factor-VII; EC:3.4.21.21; Proconvertin; Serum prothrombin conversion accelerator; SPCA; Eptacog alfa

UniProt Accession Number of Target Protein: P08709

Published Application(s): radioimmunoassay, Block

Published Species Reactivity: Human

Immunogen: This antibody was raised by immunising Balb/c mice with purified human factor VII.

Specificity: This antibody is specific for human coagulation factor VII, a serine protease that initiates the extrinsic pathway of coagulation and circulates as a zymogen.

Application Notes: This antibody binds with high affinity to human factor VII, and acts as an inhibitor of factor VII coagulation activity (Takase et al, 1988). When coupled to sepharose, this antibody has been used to deplete factor VII from plasma (Sarial et al, 2012). The specificity of this antibody for factor VII has been confirmed in a double monoclonal immunoradiometric assay for factor VII antigen (Takase et al, 1988).

Antibody First Published in: Takase et al. Monoclonal antibodies to human factor VII: a one step immunoradiometric assay for VII:Ag. J Clin Pathol. 1988 Mar;41(3):337-41. [PMID:3360957](#)

Note on publication: Describes the original generation and characterisation of this antibody.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.