

US Biological (antibodypab)

84-1663-76 [取扱停止] F12, NT (F12, Coagulation factor XII, Hageman factor, Coagulation factor XIIa heavy chain, Beta-factor XIIa part 1, Beta-factor XIIa part 2, Coagulation factor XIIa light chain) (APC) 200ul 035300-APC



アズワン品番 84-1663-76

型番 035300-APC

入り数 1個

標準価格 -円

取扱停止

US Biological
Life Sciences

特徴

This gene encodes coagulation factor XII which circulates in blood as a zymogen.

This single chain zymogen is converted to a two-chain serine protease with an heavy chain (alpha-factor XIIa) and a light chain.

The heavy chain contains two fibronectin-type domains, two epidermal growth factor (EGF)-like domains, a kringle domain and a proline-rich domain, whereas the light chain contains only a catalytic domain.

On activation, further cleavages takes place in the heavy chain, resulting in the production of beta-factor XIIa light chain and the alpha-factor XIIa light chain becomes beta-factor XIIa heavy chain.

Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then to beta-factor XIIa.

The active factor XIIa participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin.

It activates coagulation factors VII and XI.

Applications: Suitable for use in Western Blot, FLISA

Recommended Dilution: FLISA: 1:1,000 Western Blot: 1:100-500

Storage and Stability: Store product at 4°C in the dark.

DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid.

Dilute required amount only prior to immediate use.

Further dilutions can be made in assay buffer.

Caution: APC conjugates are sensitive to light.

For maximum recovery of product, centrifuge the original vial prior to removing the cap.

Note: Applications are based on unconjugated antibody.

仕様

Size: 200ul

Host: rabbit

Source Antibody: human

Grade: Affinity Purified

Purity: Purified by Protein A affinity chromatography.

Form: Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide and a stabilizer. Labeled with Allophycocyanin (APC).

Specificity: Human

Isotype: IgG

Calc Applications Abbrev: FLISA WB

Calc Crossreactivity: Hu

Immunogen: F12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13~43 amino acids from the N-terminal region of human F12.

Shelf Life: 6 months

Swiss Prot Number: P00748

EU Commodity Code: 30021010

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