

Monoclonal antibody against human Prothrombin

Product No. ADG1035

Introduction

Prothrombin is a protein in the bloodstream, which is important in the clotting process. Factor Xa, another blood protein, converts prothrombin (Factor II) into thrombin. Thrombin is required in order to convert fibrinogen into fibrin, which is the primary goal of the coagulation cascade.

Abnormal prothrombin concentrations in the bloodstream may have different causes.

Description

The monoclonal antibody (clone no. K1 4C2-E7) is directed against human Prothrombin. The antibody has been purified from cell culture supernatant using Protein G affinity chromatography.

Epitope

Prothrombin Kringle I domain

Presentation

Screw capped vial containing 100 µg of purified antibody; liquid in PBS buffer, pH 7.4, 0.01% ProClin300. The IgG concentration is given on the vial label. Spin the vial briefly before opening.

Storage and Stability

Store antibody at 2°-8°C. For long term storage, antibody should be aliquoted and stored at -20°C or colder. It is recommended to avoid freeze-thaw cycles.

Hinweis/Note:

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.

The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

Known Applications

ELISA

The antibody can be used as capture antibody in ELISAs. An antibody concentration of 1 µg/ml is recommended.

Warnings and Precautions

Contains: Mixture of: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) and Modified alkyl carboxylate (ProClin ® 300)

Hazard pictograms



Warning

Signal word

Hazard statements

H317 - May cause an allergic skin reaction.

Precautionary statements

P280 - Wear protective gloves.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362 - Take off contaminated clothing and wash before reuse.

P501 - Dispose of contents/container in accordance with local/regional/ national/international regulations.

Distributed by:

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