



**Monoclonal antibody against human
Tissue factor pathway inhibitor (TFPI)**

Product No. ADG4903

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Description

The monoclonal antibody ADG4903 is a murine monoclonal antibody, subclass IgG₁ recognizing human Tissue factor pathway inhibitor (TFPI). Mice were immunized with purified native human tissue factor pathway inhibitor (TFPI, 38 kD) from cultured HEP G-2 cells. The epitope specificity of this antibody is aa 22-87, within Kunitz domain I of human TFPI which is involved in the TF/fVIIa interaction. This antibody neutralizes human TFPI, see Applications, below.

Presentation

Screw capped vial containing 100 µg of purified antibody in PBS pH 7.4, 0.1 % ProClin. The IgG concentration is 1 mg/ml. Spin the vial briefly before opening.

Storage and Stability

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

Applications

A. Western Blot Analysis: at 5 µg/mL the antibody will detect 50 ng/mL of human TFPI under nonreducing conditions only.

B. Neutralization of human TFPI inhibition (complexed with human fXa, ADI Cat. No. 526): at 5 µg/mL the antibody neutralizes TFPI at 5 ng/mL.

C. Immunohistochemistry: the antibody is considered suitable for staining human TFPI.

Related products

IMUBIND® Total TFPI ELISA kit, No. 849. Rabbit anti-human TFPI IgG, No. ADG4901. Human TFPI Western Blot Positive Control, No. 4900PC. IMUBIND® Tissue Factor ELISA kit, No. 845. Monoclonal and Polyclonal antisera against human tissue factor. Recombinant human Tissue Factor (apo-form No. 4500, lipidated No. 4500L)

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