



Monoclonal antibody against human tPA

Product No. ADG61

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Description

The monoclonal antibody ADG61 (clone HD-tPA 4.1) is a murine monoclonal antibody, subclass IgG₁ recognizing the human Tissue-type Plasminogen Activator (tPA). Mice were immunized with purified native human tPA. The antibody has been purified from cell culture supernatant using Protein G affinity chromatography. The antibody reacts with both human single-chain tPA, two-chain tPA.

Presentation

Screw capped vial containing 250 µg of purified antibody in PBS pH 7.4, 0.1 % ProClin300. The IgG concentration is 0.7 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

ELISA

The antibody is suitable as detection antibody in ELISAs. ⁽¹⁾

Inhibition

The antibody blocks tPA-mediated plasminogen activation in a chromogenic substrate assay. ⁽¹⁾

References

1. Monoclonal antibodies against plasminogen activators and plasmin(ogen). MD Kramer, U Vettel, M Schmitt, J Reinartz, G Brunner, and A Meissauer. Fibrinolysis 1992;6, Suppl 4:103-111

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