

Monoclonal antibody against human tPA

Product No. ADG3504

Description

The monoclonal antibody ADG3504 (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, 0.01 % ProClin300. The IgG concentration is given on the vial label. 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⁾

The antibody blocks the invasion of a human tPA-expressing melanoma cell line (MeWo) in an in vitro assay system. ⁽²⁾

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.

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.

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.
2. Generation of cell surface-bound plasmin by cell-associated urokinase-type or secreted tissue-type plasminogen activator: a key event in melanoma cell invasiveness in vitro. Meissauer A, Kramer MD, Schirrmacher V, Brunner G. Exp Cell Res. 1992 Apr;199(2):179-901.

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