

Monoclonal antibody against human alpha Thrombin

Product No. ADGEST4

Description

The monoclonal antibody (clone EST4) is directed against human alpha Thrombin. Mice were immunized with human vWF purified by gel filtration of plasma cryoprecipitate. Hybridomas were created by fusion of the immunized spleen cells with myeloma cell P3/NS1/Ag4.1.

Properties

The antibody (subclass IgG2a) is directed against epitope in the vicinity of the enzyme active site. It does not bind the thrombin-antithrombin III complex.

Presentation

Screw capped vial containing 0.5 mg of purified antibody in PBS, pH 7.2. The IgG concentration is given on the vial label. Spin the vial briefly before opening. No preservative is added.

Applications

A. Inhibitory

The antibody inhibits both the clotting and amidase activities of thrombin. Modification of the active site histidine, but not the active site serine, reduced the affinity constant of binding to the antibody.

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.

References

Monoclonal antibodies directed against human alpha-thrombin and the thrombin-antithrombin III complex. Dawes J et al., Thromb Res, 1984, 36(5):397-409.

Distributed by:

LOXO GMBH

IMMUNOLOGIE • MOLEKULARBIOLOGIE
BIOCHEMIE • PRODUKTE UND SYSTEME

Gerhart-Hauptmann-Str. 48
69221 Dossenheim

Tel +49 6221 868023
Fax +49 6221 8680255

www.loxo.de - info@lox.de

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.

For research use only!

ADGEST4©26112020