

Cat. No. Y410 Lot No. 141121219

Description: This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin conjugate of synthetic angiostatin (128-141) (mouse) peptide. The product vial contains 50 μ L of the titled antiserum obtained by lyophilizing its 0.001M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunohistochemistry and immunoblotting for angiostatin (mouse).

Host: Rabbit

Amino Acid Sequence of Angiostatin (128-141) (mouse)¹⁾:

128 141
GAT FPHVPNYSPS T

Size: 50 μ L

Reconstitution: Reconstitute the product with 0.5mL of 0.01M PBS (pH 7.0) to make a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN₃ 0.1%).

Storage: The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstitution, the antiserum solution must be stored at 2°C to 8°C and used within one month. Repeated freezing-thawing should be avoided.

Suggested Working Dilution Range: 1:100-500 for immunohistochemistry; 1: 50-500 for Western blot²⁾.
Optimal dilution should be determined by each laboratory for each application.

Specificity: Angiostatin (128-141) (mouse) 100%. By Western blot, a 38-kDa band corresponding to mouse angiostatin was observed in serum of mice bearing s.c. tumors .

Species Tested: Mouse

REFERENCES:

- 1) M.S. O'Reilly, L. Holmgren et al., Angiostatin: a novel angiogenesis inhibitor that mediates the suppression of metastases by a Lewis lung carcinoma. *Cell* 79: 315-328, 1994
- 2) M.J. Gorrin-Rivas, S. Arai et al., Mouse macrophage metalloelastase gene transfer into a murine melanoma suppresses primary tumor growth by halting angiogenesis. *Clinical Cancer Research* 6: 1647-1654, 2000

FOR RESEARCH USE ONLY

<Distributed by>

SCETI K.K.

DF Kasumigaseki Place, 3-6-7 Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 Japan

URL: <http://www.sceti.co.jp/export/> e-mail: exp-pet@sceti.co.jp

<Manufacturer>

Yanaihara Institute Inc.

2480-1 Awakura, Fujinomiya-shi, Shizuoka 418-0011 JAPAN