## Anti Angiostatin (128-141) (Mouse) Serum Cat. No. Y410 Lot No. 141121219

**Description:** This antiserum was raised in a rabbit by immunization with a keyhole lympet hemocyanin conjugate of synthetic angiostatin (128-141) (mouse) peptide. The product vial contains  $50 \mu$ 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).

Immunogen: Synthetic angiostatin (128-141) (mouse)-KLH conjugate Host: Rabbit

Amino Acid Sequence of Angiostatin (128-141) (mouse)<sup>1)</sup>:

128

141

GAT FPHVPNYSPS T

Product Form: Lyophilized unpurified serum

Size:  $50 \mu L$ 

**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 antiscptic to the solution (e.g. NaN<sub>3</sub> 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 blot<sup>2)</sup>. 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. Arii et al., Mouse macrophage metalloelastase gene transfer into a murine melanoma suppresses primary tumor growth by halting angiogenesis. Clinical Cancer Reserach 6: 1647-1654, 2000

## FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM



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