
anti-MDA-7

Cat #: HM 1218
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

APPLICATIONS

MDA-7 (melanoma differentiation associated protein-7) has been shown to induce apoptosis in human melanoma cells. The expression of mda-7 inversely correlates with melanoma development and progression.

This antibody is on Apoptosis AntibodyArray™ and Signal Transduction AntibodyArray™.

SPECIFICITY

This antibody specifically reacts with MDA-7 of human, rat and mouse origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry. Recommended dilution is 1:1000.

IMMUNOGEN

A synthetic peptide derived from C-terminus of human MDA-7 protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

1. Jiang, H., Lin, J.J., Su, Z.Z., Goldstein, N.I., and Fisher, P.B. 1995. Subtraction hybridization identifies a novel melanoma differentiation associated gene, mda-7, modulated during human melanoma differentiation, growth and progression. *Oncogene* 11: 2477-2486.
2. Fisher, P.B., Prignoli, D.R., Hermo, H. Jr., Weinstein, I.B., and Pestka, S. 1985. Effects of combined treatment with interferon and mezerein on melanogenesis and growth in human melanoma cells. *J. Interferon. Res.* 5: 11-22.
3. Jiang, H., Su, Z.Z., Lin, J.J., Goldstein, N.I., Young, C.S., and Fisher, P.B. 1996. The melanoma differentiation associated gene mda-7 suppresses cancer cell growth. *Proc. Natl. Acad. Sci. USA* 93: 9160-9165.
4. Su, Z.Z., Madireddi, M.T., Lin, J.J., Young, C.S., Kitada, S., Reed, J.C., Goldstein, N.I., and Fisher, P.B. The cancer growth suppressor gene mda-7 selectively induces apoptosis in human breast cancer cells and inhibits tumor growth in nude mice. *Proc. Natl. Acad. Sci. USA* 95: 14400-14405.
5. Lebedeva IV, Su ZZ, Chang Y, Kitada S, Reed JC, Fisher PB. 2002 The cancer growth suppressing gene mda-7 induces apoptosis selectively in human melanoma cells. *Oncogene*. 21:708-18.

PRODUCT FROM HYPROMATRIX, INC.**A. AntibodyArray™s:**

1. Signal Transduction AntibodyArray™
Catalog Number HM3000
2. Apoptosis AntibodyArray™
Catalog Number HM4000
3. Cell Cycle AntibodyArray™
Catalog Number HM5000

B. Staining AntibodyArray™s

1. Staining AntibodyArray™ I
Catalog Number HM8100
2. AntibodyArray Staining Apparatus
Catalog Number HM8000

C. Antibodies**1. HRP-conjugated antibodies**

- anti-phosphotyrosine
Catalog Number HM2040
- anti-phosphoserine
Catalog Number HM2070
- anti-phosphothreonine
Catalog Number HM2090

and more...

2. Primary antibodies

Hypromatrix offers a variety of high quality antibodies. For a complete list of antibodies and their specificities, please visit our web site at www.hypromatrix.com.

CONTACT

Hypromatrix, Inc.
100 Barber Avenue
Worcester, MA 01606
USA

Tel: 508-856-7900
Fax: 508-302-0748
Email: contact@hypromatrix.com
Web: www.hypromatrix.com