

Code No. 28083

**Anti-
c-Met (Y1235 Phosphorylated) Rabbit IgG Affinity Purify**

Volume : 50 µg

Introduction : Overexpression of the hepatocyte growth factor receptor (c-Met/HGF receptor), a transmembrane tyrosine kinase encoded by the MET proto-oncogene, is involved in transformation and invasive behavior of human carcinomas and sarcomas.

Antigen : Synthetic peptide of the phosphorylated Tyr1235 part of human c-Met.
(YDKEY(pY)SVHNK)

Purification : Purified with antigen peptide

Form : Lyophilized product from 1 % BSA in PBS containing 0.05 % NaN₃

How to use : 0.5 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

Stability : Lyophilized product, 5 years at 2 – 8 °C
: Solution, 2 years at –20 °C

Application : This antibody can be used for immunohistochemistry with formalin fixed paraffin embedded tissues after pretreatment for 20 minutes in water bath with EDTA solution (pH9.0) or citrate buffer (pH6.0). The optimal concentration is 0.5 - 1 µg/mL, however, the concentration should be optimized by each laboratory.
: This antibody can be used for western blotting in concentration of 2 µg /mL.

Specificity : The antigen peptide is equivalent to the phosphorylated Tyr1236 part of rat c-Met.

Reference : 1. Inoue T, Kataoka H, Goto K, Nagaike K, Igami K, Naka D, Kitamura N, Miyazawa K. Activation of c-Met (hepatocyte growth factor receptor) in human gastric cancer tissue. *Cancer Sci.* 2004 Oct;95(10):803-8.
2. Nakamura Y, Niki T, Goto A, Morikawa T, Miyazawa K, Nakajima J, Fukayama M. c-Met activation in lung adenocarcinoma tissues: an immunohistochemical analysis. *Cancer Sci.* 2007 Jul;98(7):1006-13.
3. Nakamura Y, Matsubara D, Goto A, Ota S, Sachiko O, Ishikawa S, Aburatani H, Miyazawa K, Fukayama M, Niki T. Constitutive activation of c-Met is correlated with c-Met overexpression and dependent on cell-matrix adhesion in lung adenocarcinoma cell lines. *Cancer Sci.* 2008 Jan;99(1):14-22.

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