

Code No. 18321

**Anti-Human  
c-Met  $\beta$  Rabbit IgG Affinity Purify**

Volume : 100  $\mu$ g

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**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 C-terminal part of Human c-Met  $\beta$  (DNAADDEVDRPASFWETS)

**Purification** : Affinity Purified with antigen peptide

**Form** : Lyophilized product from 1 % BSA in PBS containing 0.05 %  $\text{NaN}_3$

**How to use** : 1 mL deionized water will be added to the product

**Stability** : Lyophilized product, 5 years at 2 - 8  $^{\circ}\text{C}$   
: Solution, 2 years at  $-20^{\circ}\text{C}$

**Application** : This antibody can be used for immunohistochemistry with formalin fixed paraffin embedded tissues after microwave treatment. The optimal concentration is 2 - 5  $\mu\text{g}/\text{mL}$ , however, the concentration should be optimized by each laboratories.  
: This antibody can be used for western blotting in concentration of 2 - 5  $\mu\text{g}/\text{mL}$ .

**Specificity** : Reacts with c-Met  $\beta$  chain

**References** : 1. Ichimura E, Maeshima A, Nakajima T, Nakamura T. Expression of c-met/HGF receptor in human non-small cell lung carcinomas in vitro and in vivo and its prognostic significance. *Jpn J Cancer Res.* 1996 Oct;87(10):1063-9.  
2. Wagatsuma S, Konno R, Sato S, Yajima A. Tumor angiogenesis, hepatocyte growth factor, and c-Met expression in endometrial carcinoma. *Cancer.* 1998 Feb 1;82(3):520-30.

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