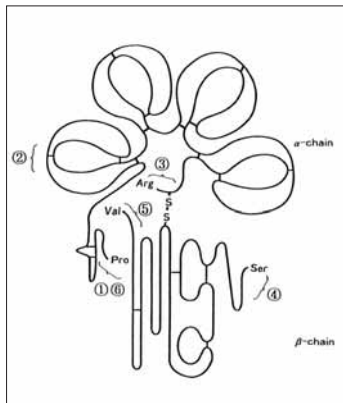


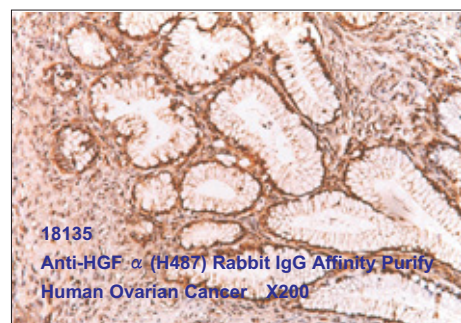
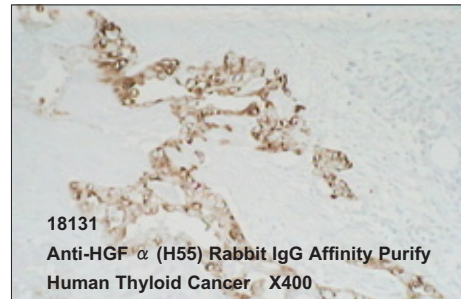
HGF, c-Met

Hepatocyte Growth Factor (HGF) was discovered as a mitogen for hepatocytes. HGF was subsequently found to be identical to the scatter factor, which destroys epithelial cell adhesion and promotes cell movement. Some reports have shown that HGF is expressed in normal and malignant

Structure of HGF and Epitopes of anti-HGF Abs



mammary epithelium. HGF has also been reported to promote motility and growth of epithelial cells, to induce morphogenesis of epithelial cells and to promote vascularization. It has been speculated that HGF is involved in the growth and metastasis of cancer cells. The first step in the initiation of HGF action is dependent on its binding to a specific cell surface receptor, the HGF receptor, encoded by the proto-oncogene c-Met. It has been suggested that c-Met mediates both responses, i.e., promotion of growth and motility of HGF. HGF is synthesized as a 728 amino acid that is processed to generate the mature growth factor consisting of a disulfide-linked 69 kDa α 34 kDa β chain.



The Photos were kindly offered by Dr. Yamada H, Aichi medical School

Code.No. Reaction Site	Name		Volume	IHC	WB	
18131 ①	Anti-Human	HGF α (H55)	Rabbit IgG Affinity Purify	100 μ g	○ (※ F/P, T) 2 ~ 5 μ /mL	○ 2 ~ 5 μ /mL
18133 ②	Anti-Human	HGF α (H163)	Rabbit IgG Affinity purify	100 μ g	Only Frozen 2 ~ 5 μ /mL	○ 2 ~ 5 μ /mL
18135 ③	Anti-Human	HGF α (H487)	Rabbit IgG Affinity purify	100 μ g	○ (※ F/P, T) 2 ~ 5 μ /mL	○ 2 ~ 5 μ /mL
18132 ④	Anti-Human	HGF β (H714)	Rabbit IgG Affinity purify	100 μ g	Only Frozen 2 ~ 5 μ /mL	○ 2 ~ 5 μ /mL
18134 ⑤	Anti-Human	HGF β (H495)	Rabbit IgG Affinity purify	100 μ g	○ (※ F/P, T) 2 ~ 5 μ /mL	○ 2 ~ 5 μ /mL
18281 ⑥	Anti-Rat	HGF α (H56)	Rabbit IgG Affinity purify	100 μ g	○ (※ F/P, T) 2 ~ 5 μ /mL	○ 2 ~ 5 μ /mL

Code.No.	Name		Volume	IHC	WB	
18321	Anti-Human	c-Met	Rabbit IgG Affinity Purify	100 μ g	○ (※ MW) 2 ~ 5 μ /mL	○ 2 ~ 5 μ /mL

※ F/P, T: Can be Applied to Formalin Fixed Paraffin Embedded Tissue with Trypsin Pre-Treatment

※ MW : Can be Applied to Formalin Fixed Paraffin Embedded Tissue with Microwave Pre-Treatment

References :

1. Takanami I. et al. Hepatocyte Growth Factor and c-Met/Hepatocyte Growth Factor Receptor in Pulmonary Adenocarcinomas : An Evaluation of Their Expression as Prognostic Markers. *Oncology*. 53 (5), 392-397, 1996
2. Ichimura E. et al. Expression of c-met/HGF Receptor in Human Non-small Cell Lung Carcinomas in vitro and in vivo and its Prognostic Significance. *Jap. J. of Cancer Res.* 87 (10), 1063-1069, 1996
3. Wagatsuma S. et al. Tumor angiogenesis, hepatocyte growth factor, and c-Met expression in endometrial carcinoma. *Amer. Cancer Res.* 82 (3), 520-530, 1998

Manufacturer :

Immuno-Biological Laboratories Co., Ltd.

5-1 Aramachi, Takasaki-shi, Gunma 370-0831, JAPAN

TEL: 027-310-8040

FAX: 027-310-8045

E-mail: do-ibl@ibl-japan.co.jp

URL: <http://www.ibl-japan.co.jp>

