



## Anti MMP-7 [Clone : 141-7B2]

<b>Product type</b>	Monoclonal antibody
<b>Immunogen</b>	Human Matrix Metalloproteinase 7 (Matrilysin) from rectal carcinoma (SW837) cells.
<b>Host</b>	Mouse
<b>Clone number</b>	141-7B2
<b>Isotype</b>	IgG1/k
<b>Purification</b>	Purified
<b>Buffer</b>	0.1 M Na-Phosphate buffer, pH7.0 containing 0.5% protease-free bovine serum albumin and 0.05% sodium azide.
<b>Concentration</b>	500 µg/mL
<b>Volume</b>	200 µL
<b>Label</b>	Unlabeled
<b>Specificity</b>	Precursor form of hMMP-7, but not with active form of hMMP-7 and hMMP-1, -2, -3, -8, -9 and -13.
<b>Reactivity</b>	Human. Other species are not tested.
<b>Storage</b>	Maintain at 2-8°C in undiluted aliquots for up to 12 months. Do not freeze.

### Application notes

#### Recommended dilutions

- Western Blotting : 10 µg/mL<sup>3), 4), 6)</sup>
- Paraffin Sections : 4 - 20 µg/mL<sup>2), 3), 4), 5), 6)</sup>

Other applications have not been tested.

Optimal dilutions/concentrations should be determined by the end user.

### References

- 1) Imai, K. et al., J. Biol. Chem., 270, 6691-6697, 1995.
- 2) Ohuchi, E. et al., Clin. Chim. Acta, 244, 181-198, 1996.
- 3) Yamashita, K. et al., Int. J. Cancer, 79, 187-194, 1998.
- 4) Ohta, S. et al., Lab. Invest., 78, 79-87, 1998.
- 5) Umehara, F. et al., J. Neuropathol. Exp. Neurol., 57, 839-849, 1998.
- 6) Ueno, H. et al., Int. J. Cancer, 84, 470-477, 1999.



COSMO BIO Co., LTD.

Inspiration for Life Science



COSMO BIO Co., LTD.

【JAPAN】

TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME,  
KOTO-KU. TOKYO 135-0016, JAPAN

Phone: +81-3-5632-9610

FAX: +81-3-5632-9619

URL: <https://www.cosmobio.co.jp/>



COSMO BIO USA

【Outside Japan】

2792 Loker Ave West, Suite 101  
Carlsbad, CA 92010, USA

email: [info@cosmobioussa.com](mailto:info@cosmobioussa.com)

Phone/FAX: (+1) 760-431-4600

URL: [www.cosmobioussa.com](http://www.cosmobioussa.com)

For research use only, Not for diagnostic use.