



Anti MMP-2 [Clone : 75-7F7]

Product type	Monoclonal antibody
Immunogen	Human matrix metalloproteinase 2 (gelatinase A) from the conditioned medium of human skin fibroblasts, CCD-41SK.
Host	Mouse
Clone number	75-7F7
Isotype	IgG1/k
Purification	Purified
Buffer	0.1 M Na-Phosphate buffer, pH7.0 containing 0.5% protease-free bovine serum albumin and 0.05% sodium azide.
Concentration	500 µg/mL
Volume	200 µL
Label	Unlabeled
Specificity	The hMMP-2, but not with the hMMP-1, -3, -7, -8, -9, -13.
Reactivity	Human, Mouse ⁵⁾ , Bovine. No cross-reactivity with Rat. Other species are not tested.
Storage	Maintain at 2-8°C in undiluted aliquots for up to 12 months. Do not freeze.

Application notes

Recommended dilutions

- Western Blotting : 1 - 5 µg/mL
- Paraffin Sections : 0.02 - 4 µg/mL^{4),6)}
- Frozen Sections : 4 µg/mL⁷⁾
- EIA : available¹⁾

Other applications have not been tested.

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

References

- 1) Fujimoto, N. et al., Clin. Chim. Acta, 221, 91-103, 1993.
- 2) Nomura, H. et al., Int. J. Cancer, 69, 9-16, 1996.
- 3) Kawahara, E. et al., Jpn. J. Cancer Res., 84, 409-418, 1993.
- 4) Nakagawa, T. et al., J. Neurosurg., 81, 69-77, 1994.
- 5) Kinoh, H. et al., J. Cell Sci., 109, 953-959, 1996.
- 6) Ohashi, K. et al., Virchows Arch., 428, 37-46, 1996.
- 7) Umehara, F. et al., J. Neuropathol. Exp. Neurol., 57, 839-849, 1998.
- 8) Eichler, W. et al., Invest. Ophthalmol. Vis. Sci. 43, 2767-2773, 2002.



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