



Anti MMP-2 [Clone : 42-5D11]

Product type	Monoclonal antibody
Immunogen	Oligopeptide of VTPRDKPMGPLLVATF (residue 468 to 483)** on human matrix metalloproteinase 2 (gelatinase A). ** numbered from propeptide.
Host	Mouse
Clone number	42-5D11
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	Precursor and active forms of hMMP-2, but not with the hMMP-1, -3, -9 and -13.
Reactivity	Human, Mouse, Rat, Rabbit ⁴⁾ , Bovine. 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 : 1 - 5 µg/mL^{1), 4)}
- Frozen Sections : 0.9 µg/mL³⁾

Other applications have not been tested.

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

References

- 1) Kawahara, E. et al., Jpn. J. Cancer Res., 84, 409-418, 1993.
- 2) Fujimoto, N. et al., Clin. Chim. Acta, 221, 91-103, 1993.
- 3) Nakagawa, T. et al., J. Neurosurg., 81, 69-77, 1994.
- 4) Tatsuguchi, A. et al., Digestion, 60, 246-254, 1999.



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