



Anti MMP-3 [Clone : 55-2A4]

Product type	Monoclonal antibody
Immunogen	Human matrix metalloproteinase 3 (stromelysin-1) from synovial cells.
Host	Mouse
Clone number	55-2A4
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-3 and cross-reacts hMMP-10 (34%).
Reactivity	Human, Rat ⁶⁾ , Pig, Sheep. No cross-reactivity with Mouse, Rabbit, 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 : 0.5 µg/mL
- Paraffin Sections : 1 - 5 µg/mL^{4), 5)}
- Frozen Sections : 0.5 µg/mL³⁾
- EIA : available¹⁾⁾

Other applications have not been tested.

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

References

- 1) Obata, K. et al., Clin. Chim. Acta, 211, 59-72, 1992.
- 2) Windsor, L. J. et al., J. Biol. Chem., 268, 17341-17347, 1993.
- 3) Nakagawa, T. et al., J. Neurosurg., 81, 69-77, 1994.
- 4) Umehara, F. et al., J. Neuropathol. Exp. Neurol., 57, 839-849, 1998.
- 5) Pap, G. et al., Pathol. Res. Prac., 194, 41-47, 1998.



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