



Anti-hMMP-9 monoclonal antibody purified mouse IgG

This is a purified mouse monoclonal antibody to an oligopeptide of RSASEVDRMFPGVPLDTHD (residue 626 to 644)** on human matrix metalloproteinase 9 (hMMP-9, gelatinase B).

Product No. DFK-F-69-EX
Clone No. 56-2A4
Subclass / type IgG1 / kappa
Specificity / The antibody specifically reacts with precursor (92kDa) and intermediate (83kDa) forms
Immunogen of hMMP-9, but not with the hMMP-1, -2, -3, -13 and active hMMP-9 with 67kDa.

Species	human	mouse	rat	rabbit	Other
Reactivity	(+)	(-)	(+)	(+) ⁸⁾	guinea pig (+), bovine (-), hamster

NT; not tested

Applications (reference concentration)	Western Blotting	5 - 5 µg / mL ⁸⁾
	Paraffin Sections	1 - 5 µg / mL ^{2), 5), 7), 8)}
	Frozen Sections	2 µg / mL ⁴⁾

Optimal working dilutions must be determined by end user.

Concentration 500 µg / mL
Presentation Liquid in 0.1M Na-Phosphate buffer, pH7.0, with 0.5 % protease-free BSA and 0.05 % sodium azide.
Volume 1 mL
Storage Maintain at 2-8 °C in undiluted aliquots for up to 12 months. Do not freeze.
References
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2) Kawahara, E. et al., Jpn. J. Cancer Res., 84, 409-418, 1993.
3) Fujimoto, N. et al., Clin. Chim. Acta, 231, 79-88, 1994.
4) Nakagawa, T. et al., J. Neurosurg., 81, 69-77, 1994.
5) Nomura, H. et al., Int. J. Cancer, 69, 9-16, 1996.
6) Umehara, F. et al., J. Neuropathol. Exp. Neurol., 57, 839-849, 1998.
7) Torii, A. et al., Gastric Cancer, 1, 142-145, 1998.
8) Tatsuguchi, A. et al., Digestion, 60, 246-254, 1999.
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Note For laboratory use only

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