



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 / Immunogen The antibody specifically reacts with precursor (92kDa) and intermediate (83kDa) forms 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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 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.
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 Note For laboratory use only

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