



Anti-hMMP-3 monoclonal antibody purified mouse IgG

This is a purified mouse monoclonal antibody to human matrix metalloproteinase 3 (hMMP-3, stromelysin-1) from synovial cells.

Product No. DFK-F-66-EX
 Clone No. 55-2A4
 Subclass / type IgG1 / kappa
 Specificity / Immunogen The antibody specifically reacts with precursor and active forms of hMMP-3 and cross-reacts hMMP-10 (34%).

Species	human	mouse	rat	rabbit	Other
Reactivity	(+)	(-)	(+)	(-)	pig (+), sheep (+), bovine (-)

NT; not tested

Applications (reference concentration)	Western Blotting	0.5 µg / mL
	Paraffin Sections	1 – 5 µg / mL ^{4), 5)}
	Frozen Sections	0.5 µg / mL ³⁾
	EIA	available ¹⁾

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
 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. Pract., 194, 41-47, 1998.

Note For laboratory use only

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