



## Anti MMP-9 [Clone : 56-2A4]

<b>Product type</b>	Monoclonal antibody
<b>Immunogen</b>	Oligopeptide of RSASEVDRMFPGVPLDTHD (residue 626 to 644)** on human matrix metalloproteinase 9 (gelatinase B). ** numbered from propeptide.
<b>Host</b>	Mouse
<b>Clone number</b>	56-2A4
<b>Isotype</b>	IgG1/k
<b>Purification</b>	Purified
<b>Buffer</b>	0.1 M Na-Phosphate buffer, pH7.0 containing 0.5% protease-free bovine serum albumin and 0.05% sodium azide.
<b>Concentration</b>	500 µg/mL
<b>Volume</b>	200 µL
<b>Label</b>	Unlabeled
<b>Specificity</b>	Precursor (92kDa) and intermediate (83kDa) forms of hMMP-9, but not with the hMMP-1, -2, -3, -13 and active hMMP-9 with 67kDa.
<b>Reactivity</b>	Human, Rat <sup>9)</sup> , Rabbit <sup>8)</sup> , Guinea pig. No cross-reactivity with Mouse, Bovine, Hamster. Other species are not tested.
<b>Storage</b>	Maintain at 2-8°C in undiluted aliquots for up to 12 months. Do not freeze.

### Application notes

#### Recommended dilutions

- Western Blotting : 2 -5 µg/mL<sup>8)</sup>
- Paraffin Sections : 1 -5 µg/mL<sup>2), 5), 7), 8)</sup>
- Frozen Sections : 2 µg/mL<sup>4)</sup>

Other applications have not been tested.

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

### References

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