



## Metalloproteinase 9 (MMP-9)

## Data Sheet

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<b>Catalog Number:</b>	GT15020	<b>Host:</b>	Goat
<b>Product Type:</b>	Affinity Purified Goat IgG	<b>Species Reactivity:</b>	Mouse, rat
<b>Immunogen Sequence:</b>	Recombinant mouse metalloproteinase 9	<b>Format:</b>	Liquid 1mg/ml 0.2 µm filtered solution in phosphate-buffered saline (PBS).
<b>Applications:</b>	<b>Immunohistochemistry:</b> 1.5-5 µg/mL <b>Immunocytochemistry:</b> 1.5-5 µg/mL <b>Immunoprecipitation:</b> 20 µg/mL Only tested for immunoprecipitation using recombinant mouse metalloproteinase 9 <b>Western Blot:</b> 0.1 – 0.2 µg/mL Only tested for Western using recombinant mouse metalloproteinase 9 <b>ELISA:</b> 0.5-1 µg/mL		
<b>Storage:</b>	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

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### Application Notes

**Immunoprecipitation:** Only tested for immunoprecipitation using recombinant mouse metalloproteinase 9

**Western Blot:** Only tested for Western using recombinant mouse metalloproteinase 9

**Immunohistochemistry:** Antiserum was used on fixed tissue.

This antibody can be used with the appropriate secondary reagents to detect MMP-9 on tissues dissected from animals that were fixed by vascular perfusion with 4% paraformaldehyde/PBS (pH 7.4) and followed by perfusion with a 10% sucrose solution in 0.1 M phosphate buffer (pH 7.2).

### FOR RESEARCH USE ONLY

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