

## Monoclonal anti-human MMP-14

### ORDERING INFORMATION

<b>Catalog No:</b>	<b>hAP-0027</b>
<b>Size:</b>	<b>100 µg</b>
<b>Storage:</b>	<b>&lt; -20° C</b>
<b>Immunogen:</b>	<b>human recombinant MMP-14</b>
<b>Ig Type:</b>	<b>mouse IgG1</b>
<b>Clone:</b>	<b>MM0027-9E10</b>
<b>Applications:</b>	<b>Western blot &amp; Immunohistochemistry</b>

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with purified human recombinant MMP-14).

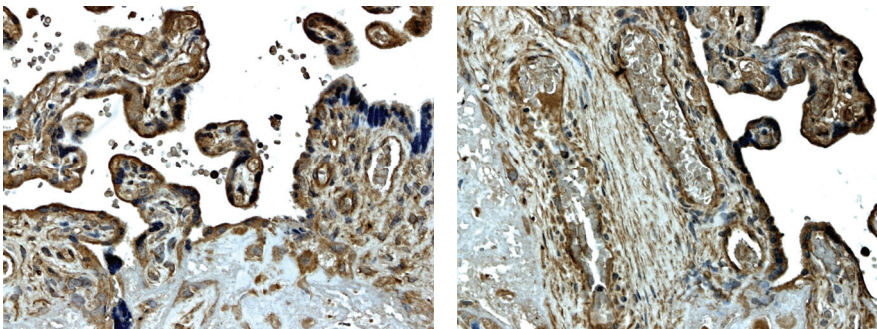
**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Reconstitution:** Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

**Specificity:** This antibody recognizes human MMP-14 in western blot without cross reactivity with human MMP-1-13, and MMP14-15. Reactivity to Ang1 of other species is not tested.

#### **Applications:**

1. <b>Western blotting:</b>	<b>Yes</b>	<b>(1:400-800)</b>
2. <b>Immunohistochemistry (Paraffin)</b>	<b>Yes</b>	<b>(1:50-200)</b>



**Human placenta (formalin fixed and paraffin embedded) section is subjected to IHC using MM0027-9E10.**

**Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only**

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