

## Monoclonal anti human PDGF receptor $\alpha$

### ORDERING INFORMATION

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| <b>Catalog Number:</b> | <b>hAP-0004</b>                                          |
| <b>Size:</b>           | <b>100 <math>\mu</math>g</b>                             |
| <b>Storage:</b>        | <b>&lt; -20°C</b>                                        |
| <b>Immunogen:</b>      | <b>huRe-PDGF receptor <math>\alpha</math> N-terminal</b> |
| <b>Ig Type:</b>        | <b>IgG1</b>                                              |
| <b>Clone:</b>          | <b>MM0004-8A89</b>                                       |
| <b>Applications:</b>   | <b>WB and IHC</b>                                        |

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with N-terminal recombinant human platelet-derived growth factor receptor alpha fragment).

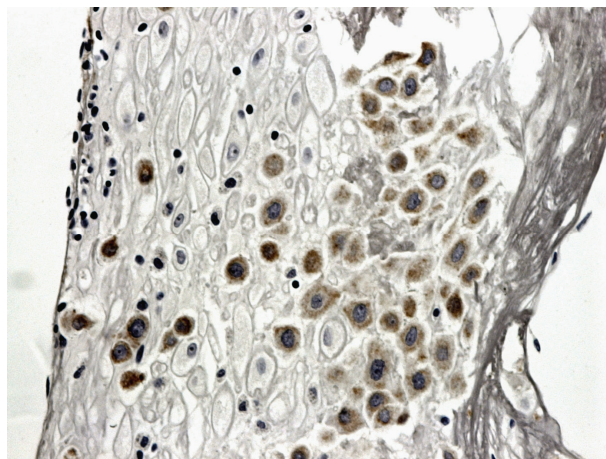
**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2  $\mu$ m filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Reconstitution:** Reconstitute the antibody with 500  $\mu$ l sterile PBS and the final concentration is 200 $\mu$ g/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 detects human PDGFR $\alpha$  in western blots. No cross-reactivity is shown with hPDGFR $\beta$ .

### Applications

|    |                                                                     |            |                     |
|----|---------------------------------------------------------------------|------------|---------------------|
| 1. | <b>Western Blot:</b>                                                | <b>Yes</b> | <b>(1:500-1000)</b> |
| 2. | <b>Immunohistochemistry:</b><br><b>(Formalin/Paraffin sections)</b> | <b>Yes</b> | <b>(1:100-400)</b>  |



**Formalin fixed and paraffin embedded normal human placenta tissue is subjected to mouse anti human PDGFR- $\alpha$  (hAP-0004)**

**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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