

## Mouse Monoclonal anti-human VEGF 165b

### ORDERING INFORMATION

<b>Catalog No:</b>	<b>hAP-0051</b>
<b>Size:</b>	<b>100 µg</b>
<b>Storage:</b>	<b>&lt; -20° C</b>
<b>Immunogen:</b>	<b>human VEGF-165b c-terminal peptide</b>
<b>Ig Type:</b>	<b>mouse IgG1</b>
<b>Clone:</b>	<b>MM0051-7F17</b>
<b>Applications:</b>	<b>WB and IHC</b>

**Introduction:** VEGF165b is an mRNA splice variant of VEGF. Alternative exon usage results in a 165 aa product that is identical to VEGF165 except for 6 unique amino acids at the C-terminus. VEGF165b inhibits proliferation and migration of endothelial cells and is down-regulated in renal cell carcinomas.

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with recombinant human **human VEGF-165b c-terminal peptide**).

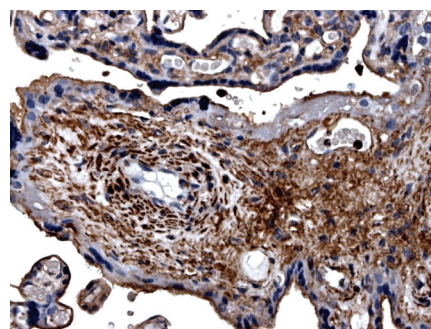
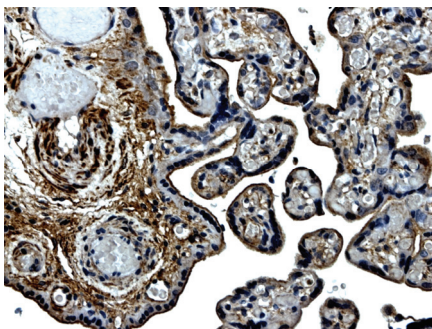
**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**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 was selected for its ability to detect human VEGF165b. This antibody showed no cross-reactivity with rhVEGF206.

#### Applications:

1. <b>WB:</b>	<b>Yes</b>	<b>(1:100-1000)</b>
2. <b>IHC:</b>	<b>Yes</b>	<b>(1:20-100)</b>



**Human placenta (formalin fixed and paraffin embedded) section is subjected to IHC using MM0014-5F66.**

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

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 001-6175492665; Fax: 001-4802474337, [angioproteomie@gmail.com](mailto:angioproteomie@gmail.com)