

Agonistic antibody of human VEGFR2

ORDERING INFORMATION

Catalog No:	mV1001.3m-h
Size:	200 µg
Storage:	-70° C
Immunogen:	hVEGFR2 N-terminal fragment (N30-200)
Ig Type:	mouse IgG1
Clone:	8A01
Applications:	hVEGFR2 tyrosine phosphorylation

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with purified human VEGFR2 N-terminal fragment (AA N30-200)). IgG fraction of the tissue culture supernatant was purified by Protein G affinity chromatography.

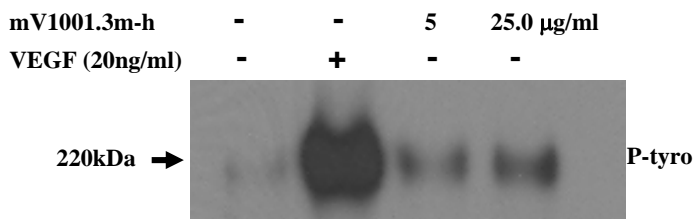
Formulation & Reconstitution: Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) and Reconstitute with sterile PBS.

Storage: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can also be aliquotted and stored frozen at -70°C at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes hVEGFR2 in western blot and immunoprecipitation assays. It shows no cross-reactivity with hVEGFR1.

Applications

- 1. VEGFR2 activation: Yes**
This antibody can induce hVEGFR2 phosphorylation in HUVECs at > 5.0 µg/mL.
- 2. Western blot: Yes**
- 3. Immunoprecipitation: Yes**



HUVECs were stimulated with 5, 25 µg/ml mV1001.3m-h or hVEGF (20ng/ml) for 30min. Phospho-VEGFR2 was detected with IP-Western for P-Tyrosine

References:

Ptaszynska MM, Pendrak ML, Bandle RW, Stracke ML, Roberts DD. **Positive Feedback between Vascular Endothelial Growth Factor-A and Autotaxin in Ovarian Cancer Cells.** Mol Cancer Res. 2008, 6(3):352-63.

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Fax: (480) 247-4337, angioproteomie@gmail.com