

Antagonistic antibody of human VEGFR2

ORDERING INFORMATION

Catalog No:	mV1001.1m-h
Size:	200 µg
Storage:	-70° C
Immunogen:	hVEGFR2 N-terminal fragment (N30-200)
Ig Type:	mouse IgG1
Clone:	6B11
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.

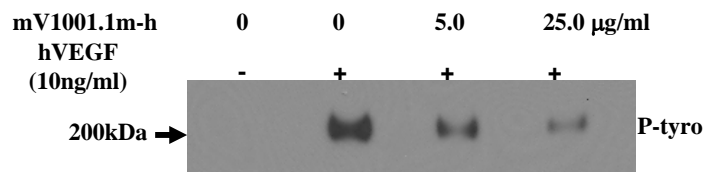
Formulation & Reconstitution: Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) and reconstitute with sterile PBS.

Storage: Lyophilized samples are stable 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 it shows no cross-reactivity with hVEGFR1.

Applications

- Attenuation of VEGF-induced VEGFR2 tyrosine phosphorylation:**
This antibody attenuates VEGF-induced VEGFR2 tyrosine phosphorylation.
- Western blot: Yes**
- Other applications:** not tested



HUVECs were pre-treated with 5.0, 25µg/ml mV1001.1m-h for 30 min and then stimulated with rhVEGF (10ng/ml) for 30min. The phospho-VEGFR2 was detected by 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.

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