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Agonistic Antibody of Human VEGFR-2 (#8A01)

Description: 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)). IgG₁ fraction of the tissue culture supernatant was purified by Protein G affinity chromatography.

| | |
|----------------------|---|
| Host species | Mouse |
| Antigen: | hVEGFR-2 N-terminal fragment (AA N30-200) |
| Purification: | Protein G chromatography |
| Stabilizer: | none |
| Formulation: | lyophilized |

Formulation: Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS)

Reconstitution: Reconstitute with sterile PBS.

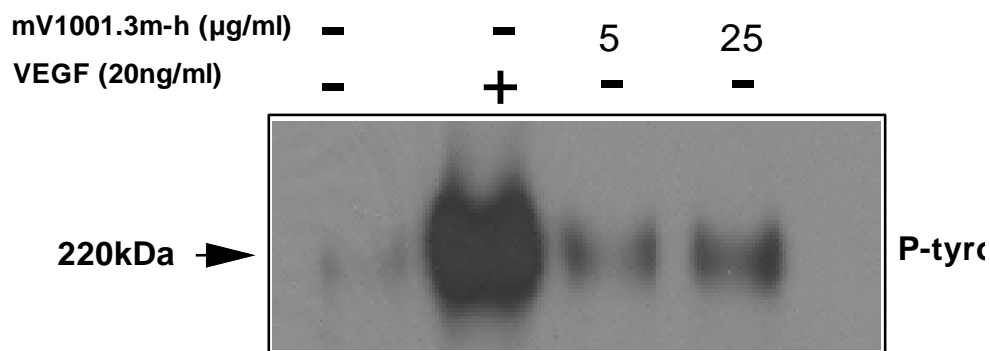
Storage: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can also be aliquotted and stored frozen at -70°C at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes hVEGFR-2 in Western blot and immunoprecipitation assays. It shows no cross-reactivity with hVEGFR-1.

Applications

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

Optimal dilutions should be determined by each laboratory for each application.



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

Usage: Anti-human VEGFR-2/KDR is offered for research use. Not for drug use. **Not for human use!**

Catalogue number: mV1001.3m-h

Size: 200 µg

Lit.: Ptaszynska et al., Mol Cancer Res. 2008, 6(3):352-63.