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Agonistic Antibody of Human VEGFR-1 (#8F12)

Description: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with purified human VEGFR-1 N-terminal fragment (AA N25-250)). IgG₁ fraction of the tissue culture supernatant was purified by affinity chromatography.

Host species	Mouse
Antigen:	hVEGFR-1 N-terminal fragment (AA N25-250)
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.

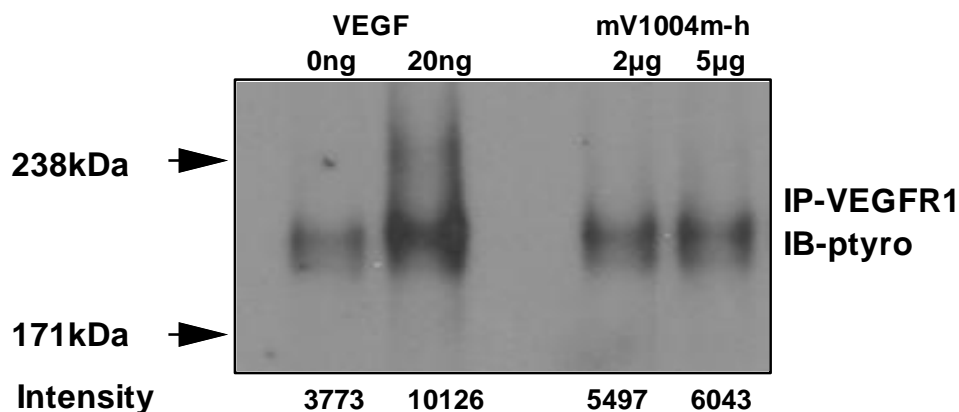
Storage: Lyophilized products are stable for at least 2 years when stored at -20°C. Reconstituted antibody can be stored frozen at -70°C for at least for 6-months. **Avoid repeated freeze-thaw cycles.**

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

Applications

- 1. VEGFR1 activation:** This antibody can induce hVEGFR-1 phosphorylation in HUVECs at > 2.0 µg/mL.
- 2. Western blot:** Yes.

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



HUVECs were treated with 20ng/ml VEGF, 2 or 5.0µg/ml mV1004m-h for 10 min. The phospho-VEGFR1 was detected with IP-Western for p-Tyrosine.

Usage: Anti-human VEGFR-1/Flt-1 is offered for research use. Not for drug use. **Not for human use!**

Catalogue number: mV1004m-h

Size: 200 µg

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