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## Antagonistic antibody to human/mouse VEGFR-1

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with purified extracellular domain of recombinant human VEGFR-1). IgG1 fraction of culture supernatant from the hybridoma was purified by protein G affinity chromatography.

<b>Host species</b>	Mouse
<b>Antigen:</b>	human VEGFR-1 extracellular domain
<b>Purification:</b>	Protein G affinity chromatography
<b>Stabilizer:</b>	none
<b>Formulation:</b>	lyophilized

**Formulation & Reconstitution:** Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). The antibody should be reconstituted with sterile H<sub>2</sub>O.

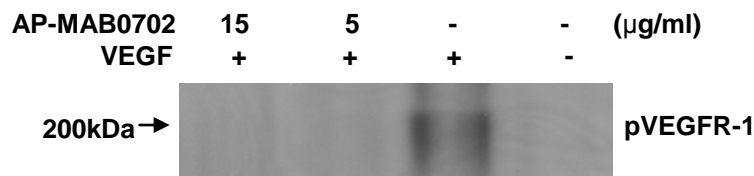
**Storage:** Lyophilized samples are stable for at least 2 years when stored at -70°C. The reconstituted antibody can also be aliquotted and stored frozen at -70°C at least for 6-months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

**Specificity:** This antibody recognizes both human and mouse VEGFR-1 in Western blot. It shows no cross-reactivity with human VEGFR-2 and mouse VEGFR-2.

### Applications

1. Blocking human VEGF-induced VEGFR-1 phosphorylation HUVECs: Yes
2. Blocking mouse VEGF-induced VEGFR-1 phosphorylation in mouse endothelial cells: Yes
3. Western blotting: Yes

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



HUVECs, preincubated with anti-VEGFR1 (AP-MAB0702) at indicated dose for 20mins, were stimulated with human VEGF for 20 mins and then the level of p-VEGFR1 was detected using anti-phospho-VEGFR1 (Y1213).

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

**Catalogue number:** mV1004.1m-h/m

**Size:** 200 µg