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Antagonistic antibody of mouse VEGFR-2

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified mouse VEGFR-2 extracellular domain). IgG1 fraction of the tissue culture supernatant was purified by Protein G affinity chromatography.

Host species	Rat
Antigen:	mouse VEGFR-2 extracellular domain
Purification:	Protein G affinity chromatography
Stabilizer:	none
Formulation:	lyophilized

Formulation & Reconstitution: Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). The antibody should be reconstituted with sterile H₂O.

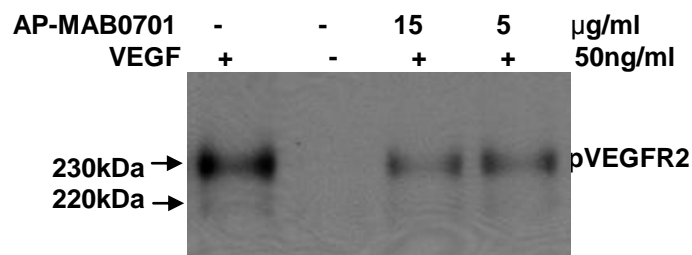
Storage: Lyophilized samples are stable for at least 2 years when stored at -70°C. The reconstituted antibody can also be aliquotted and stored frozen at -70°C at least for 6-months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes mVEGFR-2 (~220-230kDa) in Western blot and it shows no cross-reactivity with mVEGFR-1.

Applications

1. Attenuating VEGF-induced VEGFR2 phosphorylation in mouse endothelial cells: **Yes**
2. Western blot: **Yes**
3. IP: **Yes**

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



Mouse endothelial cells, pre-incubated with anti-VEGFR2 (AP-MAB0701) for 20min, were stimulated with murine VEGF for 20 mins and then the level of p-VEGFR2 was detected using anti-phospho-VEGF2 (Y1175).

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

Catalogue number: mV1001.1r-m

Size: 200 µg