

Antagonistic Antibody of Mouse VEGFR2

ORDERING INFORMATION

Catalog No:	mV1001.1r-m
Size:	200 µg
Storage:	< -20° C
Immunogen:	mVEGFR2 extracellular domain
Ig Type:	Rat IgG1
Clone:	AP-MAB0701
Applications:	Blocking VEGF-induced VEGFR2 activation, WB, IP

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified mouse VEGFR2 extracellular domain. 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). The antibody should be reconstituted with sterile H₂O.

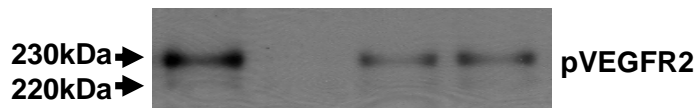
Storage: Lyophilized samples are stable for at least 2 years when stored at -70°C. The reconstituted antibody can also be aliquotted and stored frozen at -70°C at least for 6-months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes mVEGFR2 (~220-230kDa) in western blot and it shows no cross-reactivity with mVEGFR1.

Applications

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

AP-MAB0701	-	-	15	5	µg/ml
VEGF	+	-	+	+	50ng/ml



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).