

Antagonistic Antibody to Human/Mouse VEGFR1

ORDERING INFORMATION

Catalog No:	mV1004.1m-h/m
Size:	200 µg
Storage:	-70° C
Immunogen:	recombinant hVEGFR1 extracellular domain
Ig Type:	mouse IgG1
Clone:	AP-MAB0702
Applications:	Blocking VEGF induced VEGFR1 tyrosine phosphorylation

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 VEGFR1. IgG1 fraction of culture supernatant from the hybridoma was purified by protein G affinity chromatography.

Formulation & Reconstitution: Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) and 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 both human and mouse VEGFR1 in western blot. It shows no cross-reactivity with hVEGFR2 and mVEGFR2.

Applications

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|----|---|-------------------------|
| 1. | Blocking human VEGF-induced VEGFR1 phosphorylation in HUVECs | Yes |
| 2. | Blocking mouse VEGF-induced VEGFR1 phosphorylation in mouse endothelial cells: | Yes |
| 3. | Western blotting: | Yes (1:400-1000) |

AP-MAB0702	15	5	-	-	(µg/ml)
VEGF	+	+	+	-	(30ng/ml)



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).