

Antagonistic Antibody to Human/Mouse VEGFR1

ORDERING INFORMATION

Catalog No: mV1004.1m-h/m

Size: $200 \mu g$ Storage: $-70^{\circ} C$

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.**

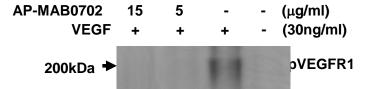
Specificity: This antibody recognizes both human and mouse VEGFR1 in western blot. It shows no cross-reactivity with hVEGFR2 and mVEGFR2.

Applications

1. Blocking human VEGF-induced VEGFR1 Yes phosphorylation in HUVECs

2. Blocking mouse VEGF-induced VEGFR1 Yes phosphorylation in mouse endothelial cells:

3. Western blotting: Yes (1:400-1000)



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).