

# Antagonistic antibody of human VEGFR1

## ORDERING INFORMATION

<b>Catalog No:</b>	pV1004R-h
<b>Size:</b>	100 µg
<b>Storage:</b>	4 ° C
<b>Immunogen:</b>	hVEGFR1 N-terminal fragment (N25-250)
<b>Ig Type:</b>	Rabbit IgG
<b>Applications:</b>	Attenuating hVEGFR1 tyrosine phosphorylation

**Preparation:** This antibody was produced in rabbit raised against the purified human VEGFR1 N-terminal (extra cellular) fragment (N25-250).

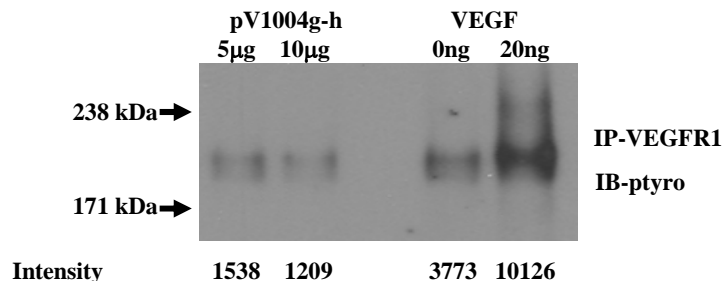
**Formulation:** Each vial contains 100 µg Ig G in 1.0 ml of sterilized PBS.

**Storage:** The antibody is stored at 4° C degree and stable for at least 1 year.

**Specificity:** This antibody recognizes hVEGFR1 in western blot and it shows no cross-reactivity with hVEGFR2.

### Applications

- Attenuating VEGFR1 phosphorylation: Yes**  
This antibody attenuates hVEGFR1 phosphorylation in HUVECs at > 5.0 µg/mL.
- Western blot: Yes**



HUVECs were treated with 20ng/ml VEGF, 5.0, or 10 µg/ml pV1004r-h for 10 min. The phospho-VEGFR1 was detected with IP-Western for P-Tyrosine.

### References:

Ptaszynska MM, Pendrak ML, Bandle RW, Stracke ML, Roberts DD. **Positive Feedback between Vascular Endothelial Growth Factor-A and Autotaxin in Ovarian Cancer Cells.** Mol Cancer Res. 2008, 6(3):352-63.

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