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Agonistic Antibody of Human VEGFR-2

Description: This antibody is produced in goats immunized with purified, recombinant human VEGFR-2 N-terminal fragment (AA N30-200) and purified by hVEGFR-2 affinity chromatography.

Host species	Goat
Antigen:	hVEGFR-2 N-terminal fragment (AA N30-200)
Purification:	hVEGFR2 affinity chromatography
Stabilizer:	none
Formulation:	lyophilized

Formulation: Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS)

Reconstitution: 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 hVEGFR-2 in Western blot and immunoprecipitation assays. It shows no cross-reactivity with hVEGFR-1.

Applications

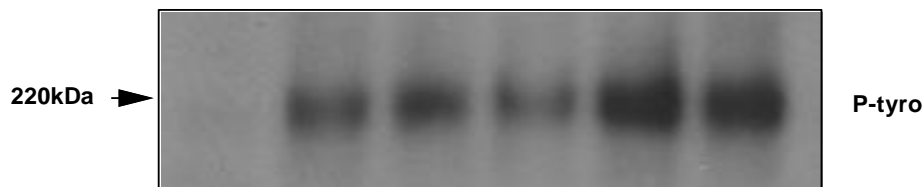
1. VEGFR2 activation: This antibody can induce hVEGFR2 phosphorylation in HUVECs at > 0.5 µg/mL.

2. Western blotting: Yes.

3. Immunoprecipitation: Yes.

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

pV1001g-m (µg/ml)	-	-	-	0.5	1	2
VEGF (10ng/ml)	-	+	+	-	-	-



HUVECs were stimulated with 0.5, 1.0 and 2.0 µg/ml pV1001g-h or 20ng/ml VEGF for 30min. The phospho-VEGFR2 was detected with IP-Western for P-Tyrosine.

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

Catalogue number: pV1001g-h

Size: 50 µg