



11 Park Drive, Suite 12
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Anti-human VEGFR-3/FLT-4

Description: Produced from sera of rabbits immunised with highly pure recombinant human soluble VEGFR-3/FLT-4 (D1-D7). Anti-human VEGFR-3/FLT-4 was purified by antigen-affinity chromatography with immobilised soluble VEGFR-3/FLT-4.

Host species:	Rabbits
Antigen:	Recombinant human soluble FLT-4 protein (110 kDa)
Purification:	Protein A chromatography
Stabilizer:	none
Buffer:	lyophilized from PBS, pH 7.4 w/o preservative
Formulation:	lyophilized rabbit IgG

Reconstitution: The lyophilized IgG is stable at 4°C. for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water/PBS to a concentration of >0.5 mg/ml the antibody is stable for at least six weeks at 2-4°C. **Avoid repeated freeze-thaw cycles.**

Applications

The antibody was carefully tested for its ability to recognise human VEGFR-3/FLT-4 in direct and indirect ELISA and Western blot assays. In Western blots, this antibody shows a moderate cross-reactivity with VEGFR-2/KDR and a weak cross-reactivity with VEGFR-1/Flt-1.

ELISA: To detect human VEGFR-3/FLT-4 by direct ELISA a concentration of 0.5 - 1.5 µg/ml can be used. This purified IgG, in combination with compatible secondary reagents, allows the detection of 0.25- 0.5 ng/well rhVEGFR-3/FLT-4

Western Blot: For Western blot analysis, the antibody can be used at 0.5 - 1 µg/ml with the appropriate secondary reagents to detect human VEGFR-3/FLT-4. Depending on the visualisation method the detection limit for rh VEGFR-3/FLT-4 is approximately 5 ng/lane under reducing conditions.

Immunoprecipitation: For IP use 1-5 µg IgG per 1 ml lysate or reaction volume.

The antibody has not been tested for immunohistochemistry or cell sorting. Optimal dilutions should be determined by each laboratory for each application

Usage: Anti-human VEGFR-3/FLT-4 is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 102-PA22S

Size: 100 µg

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Fax: (480) 247-4337, angioproteomie@gmail.com