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Anti-murine VEGF-A

Description: Produced from sera of rabbits immunized with highly pure recombinant murine VEGF₁₆₄. Anti-murine VEGF-A was purified by affinity chromatography with immobilized Protein A.

Host species:	Rabbits
Antigen:	Recombinant murine VEGF ₁₆₄ Dimer
Purification:	Protein A chromatography
Stabilizer:	none
Buffer:	lyophilized from PBS, pH 7.4 w/o preservative
Formulation:	lyophilized

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 to a concentration of >0.5 mg/ml the antibody is stable for at least six weeks at 2-4°C.

Cross reactivity: The antibody recognizes human and murine VEGF-A under reducing and non-reducing conditions.

Applications

ELISA: To detect murine VEGF-A by direct ELISA a concentration of at least 0.5 µg/ml is required. This purified IgG, in combination with compatible secondary reagents, allows the detection of 0.5- 1.0 ng/well of recombinant murine VEGF₁₆₄ or other VEGF-A splice forms.

Western Blot: To detect murine VEGF-A by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant murine VEGF-A is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Usage: Anti-murine VEGF-A is offered for research use. Not for drug use. **Not for human use!**

Catalogue number: 103-PA03S

Size: 100 µg