11 Park Drive, Suite 12
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Anti-human VEGF-A (#3)

Description: Monoclonals were produced with the help of BALB/c mice using recombinant human $VEGF_{165}$ (45 kDa) as the immunizing antigen. The humanized mouse IgG_1 antibody (clone #3) from hybridomas was purified from cell culture supernatant by Protein G chromatography.

Host species	Mouse
Antigen:	Recombinant human $VEGF_{165}$ protein
Purification:	Protein G chromatography
Stabilizer:	none
Buffer:	PBS pH 7.4 w/o preservative
Formulation:	lyophilized

Reconstitution: When reconstituted in sterile water to a concentration of 1.0 mg/ml the antibody is stable for at least six weeks at 2-4°C.

Stability: The lyophilized antibody, thought stable at room temperature, is best stored desiccated below 0°C. Reconstituted anti-VEGF-A is stable at 4°C for >one month or can be stored in working aliquots at 20°C for more than six months.

Application

ELISA: Use at 1 – 15µg/ml.

Neutralization: Block the VEGF-A induced proliferation of ACE cell at a 1:6 molar ratio of ligand to antibody. Inhibit the binding of VEGF-A to the VEGF receptors 1 (Flt-1) and 2 (KDR).

Western blotting: Use at 2-10 µg/ml

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

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

Catalogue number: 101-M59 **Size:** 200 µg

Literature: 1: Kim et al., Growth Factors. 1992;7(1):53-64; Kim et al., Nature. 1993 Apr 29;362(6423):841-4.