



11 Park Drive, Suite 12
Boston, MA 02215

Rabbit Anti-Mouse VEGF-A

ORDERING INFORMATION

Catalog Number:	103-PA03AG
Size:	50 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	Vegfa; Vpf; Vegf; Vegf120; Vegf164; Vegf188
Antigen:	R M VEGF164 (RT #M30-001)
Application:	WB, IHC (P), E
Stabilizer	None
Buffer:	PBS pH 7.4 w/o preservative

Description:

Mouse VEGF is a potent growth and angiogenic cytokine. It stimulates proliferation and survival of endothelial cells, and promotes angiogenesis and vascular permeability. Expressed in vascularized tissues, VEGF plays a prominent role in normal and pathological angiogenesis. Substantial evidence implicates VEGF in the induction of tumor metastasis and intra-ocular neovascular syndromes. VEGF signals through the three receptors; fms-like tyrosine kinase (flt-1), KDR gene product (the murine homolog of KDR is the flk-1 gene product) and the flt4 gene product. Recombinant murine VEGF (isoform 164) is a 39.0 kDa disulfide-linked homodimeric protein consisting of two 164 amino acid polypeptide chains.

Reconstitution:

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability:

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

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

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only !

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 617-549-2665; Fax: (480) 247-4337, angioproteomie@gmail.com