11 Park Drive, Suite 12
Boston, MA 02215

Rabbit Anti-Rat VEGF-D

ORDERING INFORMATION

Catalog Number:	104-PA12
Size:	100 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	vascular endothelial growth factor D; Figf
Antigen:	N-terminal peptide
Application:	WB, E, IP
Stabilizer	None
Buffer:	PBS pH 7.4 w/o preservative

Description:

Vascular endothelial growth factor D (VEGF-D), also known as C-fos induced growth factor (FIGF), is a vascular endothelial growth factor. This secreted protein is a member of the platelet derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and performs activities in angiogenesis, lymphangiogenesis, and endothelial cell growth. Human VEGF-D is expressed in adult lung, heart, muscle, and small intestine, and is most abundantly expressed in fetal lungs and skin. It is structurally and functionally similar to VEGF-C, and is secreted as a non-covelent homodimer in a antiparallel fashion. VEGF-D undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. Like VEGFC, it may particularly be involed in the formation of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults.

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