10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VEGFB Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP14823c

Specification

VEGFB Antibody (Center) Blocking Peptide - Product Information

Primary Accession P49765

VEGFB Antibody (Center) Blocking Peptide - Additional Information

Gene ID 7423

Other Names
Vascular endothelial growth factor B, VEGF-B, VEGF-related factor, VRF, VEGFB, VRF

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

VEGFB Antibody (Center) Blocking Peptide - Protein Information

Name VEGFB

Synonyms VRF

Function
Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis.

Cellular Location
Secreted. Note=Secreted but remains associated to cells or to the extracellular matrix unless released by heparin

Tissue Location
Expressed in all tissues except liver. Highest levels found in heart, skeletal muscle and pancreas

VEGFB Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

VEGFB Antibody (Center) Blocking Peptide - Images

VEGFB Antibody (Center) Blocking Peptide - Background

Vascular endothelial growth factor B (VEGFB) signals viathe endothelial receptor VEGFR1 (MIM 165070) and is a regulator ofblood vessel physiology, with a role in endothelial targeting oflipids to peripheral tissues (summarized by Hagberg et al., 2010[PubMed 20228789]).

VEGFB Antibody (Center) Blocking Peptide - References

Iyer, S., et al. J. Biol. Chem. 285(31):23779-23789(2010)Romero, R., et al. Am. J. Obstet. Gynecol. (2010) In press :Bailey, S.D., et al. Diabetes Care (2010) In press :Van Hee, V.C., et al. Environ. Health Perspect. 118(7):962-969(2010)Romero, R., et al. Am. J. Obstet. Gynecol. 202 (5), 431 (2010) :