

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 via the endothelial receptor VEGFR1 (MIM 165070) and is a regulator of blood vessel physiology, with a role in endothelial targeting of lipids 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) :