

## 血管内皮生长因子 B167

产品货号： mlR10071

英文名称： VEGFB167

中文名称： 血管内皮生长因子 B167

别名： VEGFB 167; VEGFB-167; Vascular endothelial growth factor B; VEGF B; VEGFB; VEGF-B; VEGF related factor; VEGFL; Vrf; vascular endothelial growth factor B isoform VEGFB-167 precursor; VEGFB\_HUMAN.

研究领域： 肿瘤 细胞生物 神经生物学 生长因子和激素 激酶和磷酸酶 细胞膜受体 血管内皮细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Guinea Pig,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 22kDa

细胞定位： 细胞外基质 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human VEGFB167 :121-188/188

**亚 型 :** IgG

**纯化方法 :** affinity purified by Protein A

**储 存 液 :** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件 :** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed :** PubMed

**产品介绍 :** The onset of angiogenesis is believed to be an early event in tumorigenesis and may facilitate tumor progression and metastasis. Several growth factors with angiogenic activity have been described and include fibroblast growth factor (FGF), platelet derived growth factor (PDGF) and vascular endothelial growth factors (VEGFs). The VEGF protein family is comprised of VEGF, VEGF-B, VEGF-C and VEGF-D, all of which may exhibit angiogenic function in vivo. VEGF-B, which exists as two alternatively spliced isoforms known as VEGF-B167 and VEGF-B186, is abundantly expressed in heart and skeletal muscle and is frequently co-expressed with VEGF. VEGF-C binds to and specifically activates Flt-4 and Flk-1.

**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.

**Subcellular Location:**

Secreted. Secreted but remains associated to cells or to the extracellular matrix unless released by heparin.

**Tissue Specificity:**

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

**Post-translational modifications:**

VEGF-B167 is O-glycosylated.

**Similarity:**

Belongs to the PDGF/VEGF growth factor family.

**SWISS:**

P49765

**Gene ID:**

7423

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

