

Anti-VEGF 164 antibody ab53465

54 References 1 图像

概述	
产品名称	Anti-VEGF 164抗体
描述	兔多克隆抗体to VEGF 164
宿主	Rabbit
特异性	ab53465 reacts with all human VEGF isoforms (121, 165, 189, and 206). No cross reaction is observed with PDGF, FGF-1, FGF-2, and TGFa.
经测试应用	适用于: IHC-P, RIA, ELISA, WB
种属反应性	与反应: Rat, Cow, Human, Pig
免疫原	Recombinant bovine VEGF 164
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

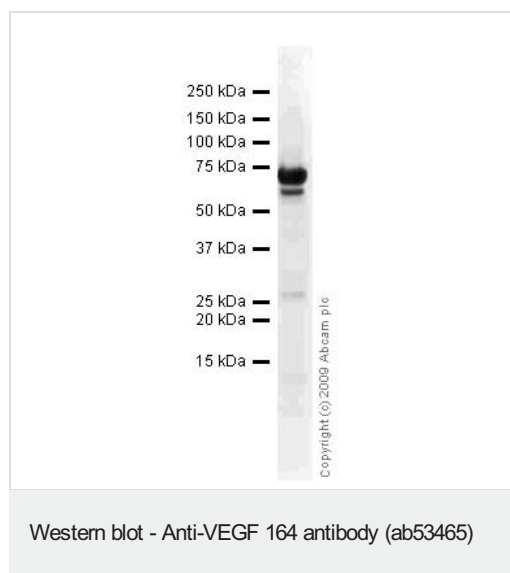
应用	
The Abpromise guarantee	Abpromise™承诺保证使用ab53465于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。	

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
RIA		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration. PubMed: 21441982
WB		Use at an assay dependent concentration. Predicted molecular weight: 27 kDa.

## 靶标

功能	Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. NRP1/Neuropilin-1 binds isoforms VEGF-165 and VEGF-145. Isoform VEGF165B binds to KDR but does not activate downstream signaling pathways, does not activate angiogenesis and inhibits tumor growth.
组织特异性	Isoform VEGF189, isoform VEGF165 and isoform VEGF121 are widely expressed. Isoform VEGF206 and isoform VEGF145 are not widely expressed. A higher level expression seen in pituitary tumors as compared to the pituitary gland.
疾病相关	Microvascular complications of diabetes 1
序列相似性	Belongs to the PDGF/VEGF growth factor family.
细胞定位	Secreted. VEGF121 is acidic and freely secreted. VEGF165 is more basic, has heparin-binding properties and, although a significant proportion remains cell-associated, most is freely secreted. VEGF189 is very basic, it is cell-associated after secretion and is bound avidly by heparin and the extracellular matrix, although it may be released as a soluble form by heparin, heparinase or plasmin.

## 图片



Anti-VEGF 164 antibody (ab53465) at 1/500 dilution + Human thymus tissue lysate - total protein ([ab30146](#)) at 10 µg

### Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

**Predicted band size:** 27 kDa

**Observed band size:** 27 kDa

**Additional bands at:** 70 kDa (possible dimer), 70 kDa (possible glycosylated form)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
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