

# Anti-VEGFD antibody ab63068

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### 概述

产品名称	Anti-VEGFD抗体
描述	兔多克隆抗体to VEGFD
宿主	Rabbit
经测试应用	适用于: WB, ELISA, IHC-P
种属反应性	与反应: Human
免疫原	KLH conjugated synthetic peptide selected from the C-terminal region of human VEGFD.
阳性对照	293 cell lysate; human lung carcinoma tissue.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab63068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。

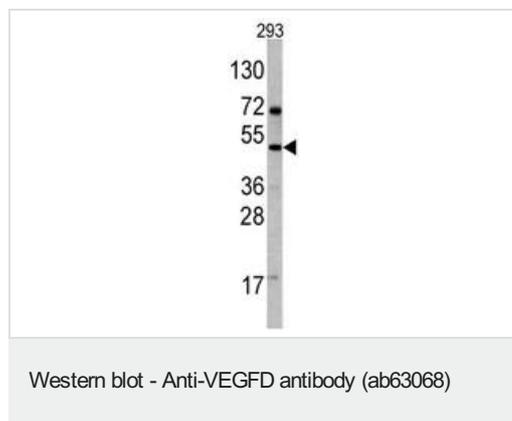
应用	Ab评论	说明
WB		1/250 - 1/500. Detects a band of approximately 40 kDa (predicted molecular weight: 40 kDa).

应用	Ab评论	说明
ELISA		1/1000.
IHC-P		1/50 - 1/100.

## 靶标

<b>功能</b>	Growth factor active in angiogenesis, lymphangiogenesis and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in the formation of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors.
<b>组织特异性</b>	Highly expressed in lung, heart, small intestine and fetal lung, and at lower levels in skeletal muscle, colon, and pancreas.
<b>序列相似性</b>	Belongs to the PDGF/VEGF growth factor family.
<b>翻译后修饰</b>	Undergoes a complex proteolytic maturation which generates a variety of processed secreted forms with increased activity toward VEGFR-3 and VEGFR-2. VEGF-D first form an antiparallel homodimer linked by disulfide bonds before secretion. The fully processed VEGF-D is composed mostly of two VEGF homology domains (VHDs) bound by non-covalent interactions.
<b>细胞定位</b>	Secreted.

## 图片

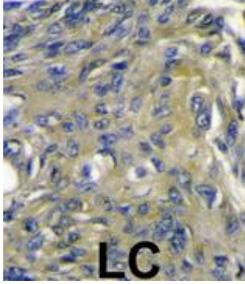


Anti-VEGFD antibody (ab63068) at 1/250 dilution + 293 cell lysate at 12.5 µg

**Predicted band size:** 40 kDa

**Observed band size:** 40 kDa

**Additional bands at:** 72 kDa. We are unsure as to the identity of these extra bands.



Ab63068 (1/50-1/100) staining human VEGFD in human lung carcinoma tissue by immunohistochemistry using formalin fixed, paraffin embedded tissue.

Ab63068 was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VEGFD antibody (ab63068)

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

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