VEGFA Mouse mAb

货号: B11496

产品信息

反应	Mouse,Rat
宿主	Mouse
克隆性	Monoclonal
预测反应	**WB:** Homo sapiens **ELISA:** Rattus norvegicus , Mus musculus **ICH:** Rattus norvegicus **IHC:** Mus musculus , Homo sapiens
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	15-27kDa/34-45kDa
实测分子量	20KDa/23KDa/26KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse lung,Mouse heart,Rat lung
细胞定位	Secreted
纯化	Affinity purification

抗原信息

抗原信息	Recombinant protein of human VEGFAA
序列	

靶点信息

研究背景	This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, which exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression. Elevated levels of this protein are found in patients with POEMS syndrome, also known as Crow-Fukase syndrome. Allelic variants of this gene have been associated with microvascular complications of diabetes 1 (MVCD1) and atherosclerosis. Alternatively spliced transcript variants encoding different isoforms have been described. There is also evidence for alternative translation initiation from upstream non-AUG (CUG) codons resulting in additional isoforms. A recent study showed that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is antiangiogenic. Expression of some isoforms derived from the AUG start codon is regulated by a small upstream open reading frame, which is located within an internal ribosome entry site.
基因**ID**	7422
基因名	VEGFA
Swiss	P15692
别名	VEGFA;MVCD1;VEGF;VPF;L VEGFA;VEGF A

产品验证

实验步骤

访问官网浏览详情: www.ablybio.cn