

产品名称: VEGF-A Mouse Monoclonal Antibody
产品货号: AMM20467



产品概述 (Summary)

产品名称 (Production Name)	VEGF-A Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	VEGFA
别名 (Alternative Names)	VEGFA ; VEGF ; Vascular endothelial growth factor A ; VEGF-A ; Vascular permeability factor ; VPF
基因 ID (Gene ID)	7422.0
蛋白 ID (SwissProt ID)	P15692.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:100-1:500, ELISA 1:1000-1:5000
蛋白分子量 (Molecular Weight)	Calculated MW: 27 kDa; Observed MW: 37 kDa

研究背景 (Background)

This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, which exists as a

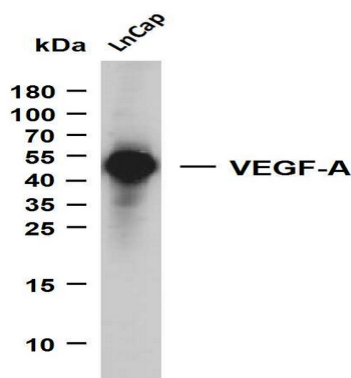
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disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic 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.

研究领域 (Research Area)

图片 (Image Data)



Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-VEGF-A antibody. The HRP-conjugated Goat anti-Mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: LnCap Predicted band size: 27kDa Observed band size: 42kDa

注意事项 (Note)

For research use only .