

A Reliable Research Partner in Life Science and Medicine

Recombinant VEGFA Monoclonal Antibody

catalog number: AN300844L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human VEGFA protein

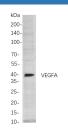
HostRabbitIsotype IgG,κ CloneB787PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:1000-1:5000 **WB** 1:2000-1:10000

Data



Western Blot with Recombinant VEGFA Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: SH-SY5Y cells.

Immunohistochemistry of paraffin-embedded rat heart using Recombinant VEGFA Monoclonal Antibody at dilution of 1:200.

Observed-MW:40 kDa Calculated-MW:27 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

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.

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