

Anti-VEGFA/VEGF165 Antibody (1F999)

Product Details

Ig Type:	IgG1
Reactivity:	Human
Molecular Weight:	Theoretical: 18 kDa. Actual: 25 kDa.
Clone:	1F999
Purification:	Protein A purified

Applications

1. Measured by its binding ability in a indirect ELISA. Immobilized Human VEGF165, His Tag at 2 µg/mL (100 µL/well) can bind Anti-Human VEGF165 monoclonal antibody, the minimum detection concentration is 0.5 ng/mL

2. Sample:

Verified Activity:	Lane 1: Recombinant Human VEGF165 Protein at 500 ng Primary: Mouse Anti-VEGF165 Monoclonal Antibody at 1/1000 dilution (Cat. TMAB-14074) Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 25 kD
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Application: WB,ELISA

Recommended WB: 1:500-2000; ELISA: 1:5000-10000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human VEGF165 Protein
Antigen Species:	Human
Gene ID:	7422
Uniprot ID:	P15692

Research Background

Vascular endothelial growth factor (VEGF), originally known as vascular permeability factor (VPF), is a signal protein produced by cells that stimulates the formation of blood vessels. To be specific, VEGF is a sub-family of growth factors, the platelet-derived growth factor family of cystine-knot growth factors. They are important signaling proteins involved in both vasculogenesis (the de novo formation of the embryonic circulatory system) and angiogenesis (the growth of blood vessels from pre-existing vasculature).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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