

Anti-VEGF165 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 18 kDa. Actual: 25 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Lane 1: Human VEGF165 Protein at 500 ng Lane 2: Human VEGF165 Protein at 50 ng Primary: Rabbit Anti-VEGF165 Protein Antibody at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: kD
	2. Sample: Lane 1: Recombinant Human VEGF165 Protein at 500 ng Lane 2: Recombinant Human VEGF165 Protein at 50 ng Primary: Rabbit Anti-VEGF165 Monoclonal Antibody at 1/1000 dilution (Cat.bsm-41613R) Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 25 kD
Application:	WB
Recommended	WB: 1:500-2000

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 (C-His)
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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