

Anti-VEGFA/VEGF165 Antibody (7R499)

Product Details

Ig Type:	IgG2b
Reactivity:	Human
Molecular Weight:	Theoretical: 18 kDa. Actual: 23-50 kDa.
Clone:	7R499
Purification:	Protein A purified

Applications

Verified Activity:	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 2 ng/mL 2. 25 µg total protein per lane of various lysates (see on figure) probed with VEGFA/VEGF165 monoclonal antibody, unconjugated (TMAB-14075) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ELISA
Recommended	WB: 1:1000-5000; 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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