

Anti-VEGFA/VEGF165 Antibody (6Y355)

Product Details

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|-------------------|---|
| Ig Type: | IgG1 |
| Reactivity: | Human |
| Molecular Weight: | Theoretical: 18 kDa. Actual: 23-50 kDa. |
| Clone: | 6Y355 |
| Purification: | Protein A purified |

Applications

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| 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 0.5 ng/mL 2. 25 µg total protein per lane of various lysates (see on figure) probed with VEGFA/VEGF165 monoclonal antibody, unconjugated (TMAB-14076) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. |
| Application: | ELISA,WB |
| Recommended | ELISA: 1:5000-10000; WB: 1:1000-5000 |

Properties

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| 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

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| 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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