

Anti-VEGFA Polyclonal Antibody

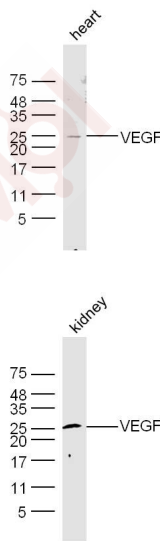
Product Details

Ig Type: IgG
Reactivity: Mouse(predicted:Rat)
Molecular Weight: Theoretical: 24 kDa. Actual: 24 kDa.
Purification: Protein A purified

Applications

Verified Activity:

- Sample: Heart (Mouse) Lysate at 30 µg
Primary: Anti-VEGF (TMAB-01949) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 24 kDa
Observed band size: 25 kDa
- Sample: Kidney (Mouse) Lysate at 30 µg
Primary: Anti-VEGF (TMAB-01949) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 24 kDa
Observed band size: 25 kDa



Application: WB
Recommended WB: 1:500-1000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: mouse VEGF
Antigen Species:	Mouse
Gene ID:	22339
Uniprot ID:	Q00731
Synonyms:	VEGF;VPF;VEGF-A;MVCD1;L-VEGF
Biology Area:	VEGF,SARS Coronavirus,Cancer,Hypoxia,Co-factors,Angiogenesis and vasculogenesis,VEGF, Angiogenic growth factors,VEGF,Response to hypoxia

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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