

Anti-VEGFA Polyclonal Antibody 6

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Chicken,Dog,Pig,Cow,Sheep,GuineaPig)
Molecular Weight:	Theoretical: 24 kDa.
Purification:	Protein A purified

Applications

1. Blank control: THP-1. Primary Antibody (green line): Rabbit Anti-VEGF-A antibody (TMAB-01953)

Dilution: 2 $\mu\text{g}/10^6$ cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-FITC

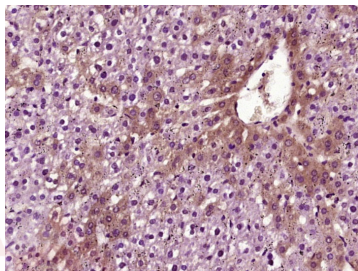
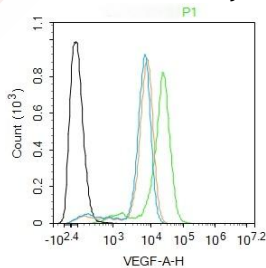
Dilution: 0.5 $\mu\text{g}/\text{test}$.

Protocol

Verified Activity:

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.

2. Paraformaldehyde-fixed, paraffin embedded (rat liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (VEGF-A) Polyclonal Antibody, Unconjugated (TMAB-01953) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Application: FCM,IF,IHC-Fr,IHC-P

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 2 $\mu\text{g}/\text{Test}$

A DRUG SCREENING EXPERT

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: human VEGF-A

Antigen Species: Human

Gene ID: 7422

Uniprot ID: P15692

Synonyms: VEGF;L-VEGF;VPF;VEGF-A;MVCD1

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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