

VEGF

Goat Anti-Human Vascular Endothelial Growth Factor Affinity Purified pAb

Catalog No.	PA1342G	Quantity:	100 µg
Description:	Vascular Endothelial Growth Factor (VEGF) is a secreted homodimeric protein, secreted by a variety of vascularized tissues. VEGF stimulates endothelial cell growth, angiogenesis, and capillary permeability. Human VEGF is a 38.2 kDa homodimeric protein consisting of two 165 amino acid polypeptide chains.		
Specificity:	Human VEGF		
Host:	Goat		
Immunogen:	<i>E.coli</i> -expressed Recombinant Human VEGF		
Formulation:	Lyophilized in PBS pH 7.2.		
Purification:	Affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1 -1.0 mg/mL.		
Applications:	ELISA, WB		
Application Notes:	<p>To detect hVEGF by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant hVEGF.</p> <p>To detect hVEGF by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hVEGF is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>		
Storage & Stability:	Store at -20°C. After reconstitution, stable for 6 weeks at 2-4°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

