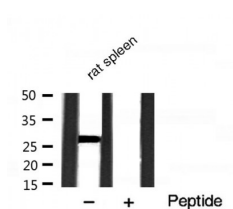
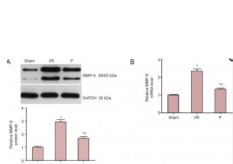


VEGF Ab

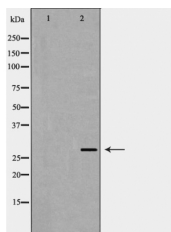
Cat.#: AF5131	Concn.: 1mg/ml	Mol.Wt.: 16-20kDa,25-30kDa ,40-45kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200,IF/ICC 1:100-1:500	
Reactivity:	Human,Mouse,Rat	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Specificity:	VEGF Ab detects endogenous levels of total VEGF.	
Immunogen:	A synthesized peptide derived from human VEGF.	
Uniprot:	P15692	
Description:	Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin	
Subcellular Location:	Secreted. VEGF121 is acidic and freely secreted. VEGF165 is more basic, has heparin-binding properties and, although a significant proportion remains cell-associated, most is freely secreted. VEGF189 is very basic, it is cell-associated after secretion and is bound avidly by heparin and the extracellular matrix, although it may be released as a soluble form by heparin, heparinase or plasmin.	
Tissue Specificity:	Isoform VEGF189, isoform VEGF165 and isoform VEGF121 are widely expressed. Isoform VEGF206 and isoform VEGF145 are not widely expressed. A higher level expression seen in pituitary tumors as compared to the pituitary gland.	
Similarity:	Belongs to the PDGF/VEGF growth factor family.	
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.	



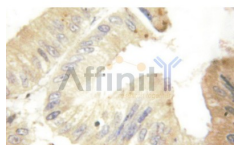
Western blot analysis of VEGF expression in rat spleen tissue sample.



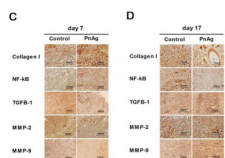
MMPs activity and expression levels of Stat3, VEGF, TGFB-1, and TGFB1 detected using zymographic and Western blot assays. Phenytoin silver: a new nanocompound for promoting dermal wound healing via comprehensive pharmacological action Xiao-yu Ai,1,* Hui-juan Liu,2,* Cheng Lu,1,2,* Cai-li Liang,1,2,* Yan Sun,3,* Shuang Chen,2 Bo Sun,2 Yang Li,1,2 Yan-rong Liu,2 Qiang Zhang,1,2,* Xue-qiang Liu,1,2 Ting Xiao,1,2 Xue-shuang Jing,2 Tao Sun,1,2, Hong-gang



Western blot analysis of VEGF expression in A431 cells, The lane on the left is treated with the antigen-specific peptide.



AF5131 at 1/100 staining human colon tissues sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 122°



Expression levels of collagen I, NF-κB, TGF-β, MMP-2, and MMP-9 in tissues on day 7 and 17 detected by immunohistochemistry

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.