Vascular endothelial growth factor C Polyclonal Antibody

Catalog No: #42489

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

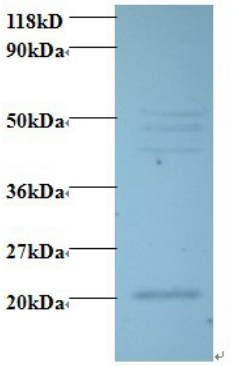
Product Name	Vascular endothelial growth factor C Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Vascular endothelial growth factor C polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Vascular endothelial growth factor C protein
Target Name	Vascular endothelial growth factor C
Other Names	VEGFC
Accession No.	Swiss-Prot#: P49767
Uniprot	P49767
GeneID	7424;
Calculated MW	46kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

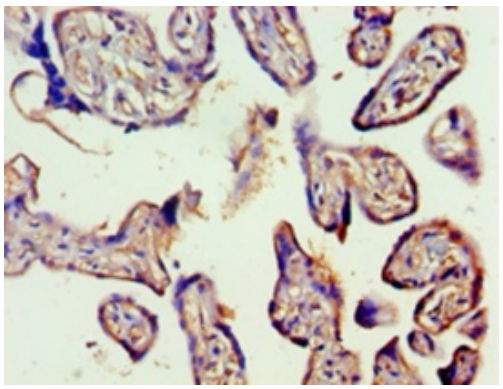
Western blotting: 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

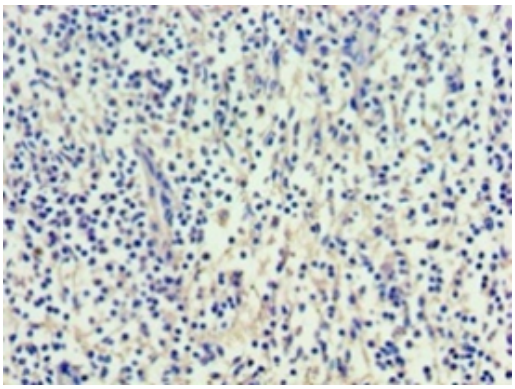
Images



All lanes:Vascular endothelial growth factor C Antibody at 2ug/ml + 293T whole cell lysate at 20 ug
Secondary
Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size : 46 kDa
Observed band size : 20 kDa



Immunohistochemical analysis of paraffin-embedded human placenta tissue using #42489 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using #42489 at dilution of 1:100.

Background

Growth factor active in angiogenesis, and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in angiogenesis of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors.

References

[1] "A novel vascular endothelial growth factor, VEGF-C, is a ligand for the Flt4 (VEGFR-3) and KDR (VEGFR-2) receptor tyrosine kinases."Joukov V., Pajusola K., Kaipainen A., Chilov D., Lahtinen I., Kukk E., Saksela O., Kalkkinen N., Alitalo K.EMBO J. 15:

Note: This product is for in vitro research use only