



PF4V Polyclonal Antibody

Catalog No	YP-Ab-07307
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	PF4V1 CXCL4V1 SCYB4V1
Immunogen	Synthesized peptide derived from human protein . at AA range: 54-103
Specificity	PF4V Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PF4V;PF4V1 CXCL4V1 SCYB4V1;Platelet factor 4 variant (C-X-C motif chemokine 4 variant) (CXCL4L1) (PF4alt) (PF4var1) [Cleaved into: Platelet factor 4 variant(4-74);Platelet factor 4 variant(5-74);Platelet factor 4 variant(6-74
Observed Band	11kD
Calculated Molecular Weight	11kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	function:Inhibitor of angiogenesis. Inhibitor of endothelial cell chemotaxis (in vitro).,mass spectrometry:Platelet factor 4 variant PubMed:15459074,mass spectrometry:Platelet factor 4 variant(4-74) PubMed:15459074,mass spectrometry:Platelet factor 4 variant(5-74) PubMed:15459074,mass spectrometry:Platelet factor 4 variant(6-74) PubMed:15459074,PTM:The N-terminal processed forms of platelet factor 4 variant seems to be produced by proteolytic cleavage. The most abundant form is Platelet factor 4 variant(5-74)., similarity:Belongs to the intercrine alpha (chemokine CxC) family.,



Background

The protein encoded by this gene is a chemokine that is highly similar to platelet factor 4. The encoded protein displays a strong antiangiogenic function and is regulated by chemokine (C-X-C motif) receptor 3. This protein also impairs tumor growth and can protect against blood-retinal barrier breakdown in diabetes patients. [provided by RefSeq, Nov 2015],

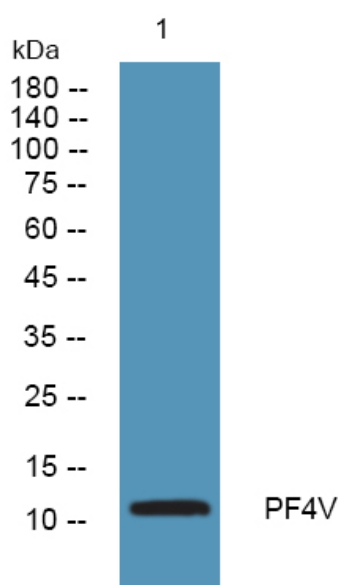
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night