



# PF4V Polyclonal Antibody

<b>Catalog No</b>	BYab-07307
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	PF4V1 CXCL4V1 SCYB4V1
<b>Protein Name</b>	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
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 54-103
<b>Specificity</b>	PF4V Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	11kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	
<b>Function</b>	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.,
<b>Background</b>	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

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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],

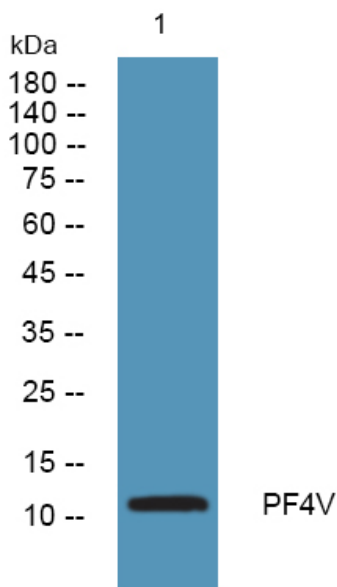
**matters needing attention**

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