

Immunotag™ PF4V Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2453
Product Description	Immunotag™ PF4V Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PF4V
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 54-103
Specificity	PF4V Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PF4V1 CXCL4V1 SCYB4V1
Accession No.	P10720
Description	platelet factor 4 variant 1(PF4V1) Homo sapiens 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],

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Cell Pathway/ Category	Cytokine-cytokine receptor interaction,Chemokine,
Subcellular Localization	extracellular space,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.