antibodies -online.com







anti-PF4V1 antibody (Middle Region)





Publication



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Quantity:	100 μL
Target:	PF4V1
Binding Specificity:	Middle Region
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PF4V1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PF4V1
Sequence:	RPRHITSLEV IKAGPHCPTA QLIATLKNGR KICLDLQALL YKKIIKEHLE
Predicted Reactivity:	Human: 100%, Pig: 85%
Characteristics:	This is a rabbit polyclonal antibody against PF4V1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PF4V1
Alternative Name:	PF4V1 (PF4V1 Products)

Target Details

Background:	PF4V1 is the inhibitor of angiogenesis. PF4V1 is the inhibitor of endothelial cell chemotaxis (in	
	vitro).	
	Alias Symbols: CXCL4V1, PF4-ALT, PF4A, SCYB4V1, CXCL4L1	
	Protein Interaction Partner: ALB,	
	Protein Size: 104	
Molecular Weight:	11 kDa	
Gene ID:	5197	
NCBI Accession:	NM_002620, NP_002611	
UniProt:	P10720	

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 104 AA	
Restrictions:	For Research Use only	

Handling

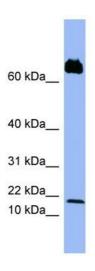
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Coyne, Gambling, Boucher, Carson, Johnson: "Role of claudin interactions in airway tight

junctional permeability." in: **American journal of physiology. Lung cellular and molecular physiology**, Vol. 285, Issue 5, pp. L1166-78, (2003) (PubMed).

Validation report #102749 for Immunohistochemistry (IHC)



Western Blotting

Image 1. WB Suggested Anti-PF4V1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: PANC1 cell lysate