

Datasheet for ABIN2777124
anti-PF4V1 antibody (Middle Region)[Go to Product page](#)

1 Image

1 Publication

Overview

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