

Rabbit PLATELET FACTOR-4 Polyclonal Antibody | anti-PF4 antibody

RABBIT ANTI HUMAN PLATELET FACTOR-4

CATALOG #	HOST	APPLICATIONS
AAA50067	Rabbit	Western Blot, Immunohistochemistry, Functional Assay, ELISA

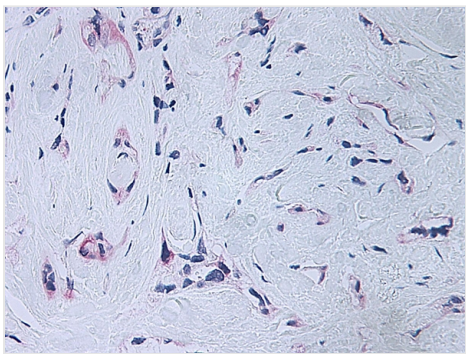
PRODUCT SYNONYMS

PLATELET FACTOR-4; Polyclonal Antibody; RABBIT ANTI HUMAN PLATELET FACTOR-4; anti-PF4 antibody

PRODUCT SPECIFICATIONS

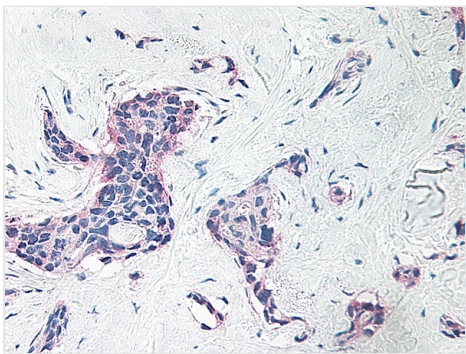
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0mg/ml after reconstitution (varies by lot)
Sequence Length	101
Applicable Applications for anti-PF4 antibody	WB (Western Blot), IHC (Immunohistochemistry), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add sodium azide
Immunogen	Recombinant human PF-4 Buffer Solution
Antiserum Preparation	Antiserum to human PF-4 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



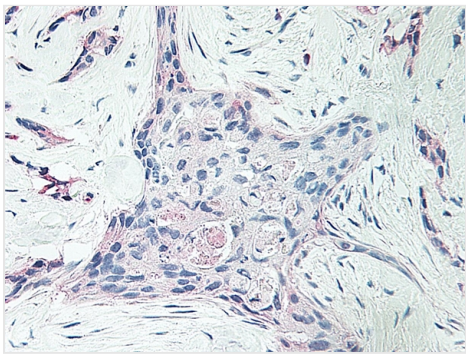
Application Data

Formalin fixed, paraffin embedded human breast malignant ductal adenocarcinoma stained with Rabbit anti Human platelet factor 4 (AAA50067) following heat mediated antigen retrieval with sodium citrate buffer (pH6.0) using an alkaline phosphatase conjugated polymer detection system and red chromogen



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ADDITIONAL INFORMATION

Related Product Information for anti-PF4 antibody	Rabbit anti Human Platelet Factor-4 antibody specifically recognizes platelet factor-4 (PF-4), otherwise known as CXCL4, a member of the intercrine alpha (chemokine CXC) family, released from the alpha granules of activated platelets, during platelet aggregation. PF-4 binds with high affinity to heparin, counteracting its' anticoagulant effect, thereby promoting blood coagulation, and implicating PF-4 in wound repair. PF-4 acts as a chemotactic factor for neutrophils, monocytes and fibroblasts, and binds with CXCR3B, a splice variant of the chemokine receptor CXCR3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505733
NCBI GeneID	5196
NCBI Accession #	NP_002610.1
NCBI GenBank Nucleotide #	NM_002619.3
UniProt Accession #	P02776; Q53X61; Q9UC64; Q9UC65
Molecular Weight	10,845 Da
NCBI Official Full Name	platelet factor 4
NCBI Official Synonym Full Names	platelet factor 4
NCBI Official Symbol	PF4

NCBI Official Synonym Symbols	PF-4; CXCL4; SCYB4
NCBI Protein Information	platelet factor 4; C-X-C motif chemokine 4; chemokine (C-X-C motif) ligand 4; iroplact; oncostatin-A
UniProt Protein Name	Platelet factor 4
UniProt Gene Name	PF4
UniProt Synonym Gene Names	CXCL4; SCYB4; PF-4
UniProt Entry Name	PLF4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/platelet-factor-4-antibody-western-blot-immunohistochemistry-functional-assay-elisa/50067>