

Rabbit anti-Human PF4 Polyclonal Antibody | anti-PF4 antibody

Anti-PF4 antibody

CATALOG # AAA44949	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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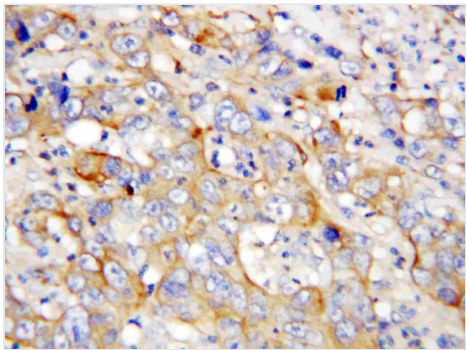
PRODUCT SYNONYMS

PF4; Polyclonal Antibody; Anti-PF4 antibody; Platelet factor 4(PF-4); platelet factor 4; C-X-C motif chemokine 4 antibody; Chemokine(C X C motif) ligand 4 antibody; Chemokine(CXC motif) ligand 4 antibody; CXCL 4 antibody; CXCL4 antibody; Iroplact antibody; MGC138298 antibody; Oncostatin A antibody; Oncostatin-A antibody; OncostatinA antibody; PF 4 antibody; PF-4 antibody; PF4 antibody; Platelet factor 4 antibody; PLF4_HUMAN antibody; SCYB 4 antibody; SCYB4 antibody; short form antibody; Small inducible cytokine subfamily member 4 antibody; anti-PF4 antibody

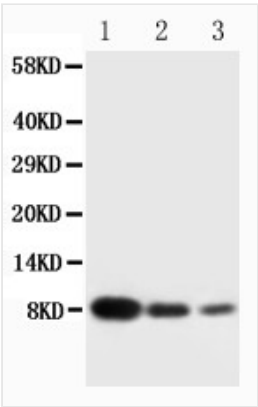
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	101
Applicable Applications for anti-PF4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PF4 (85-101aa DLQAPLYKKIIKKLLES).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PF4 antibody, AAA44949, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti-PF4 antibody, AAA44949, Western blottingLane 1: Recombinant Human CXCL4 Protein 10ngLane 2: Recombinant Human CXCL4 Protein 5ngLane 3: Recombinant Human CXCL4 Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-PF4 antibody

Description: Rabbit IgG polyclonal antibody for Platelet factor 4(PF4) detection. Tested with WB, IHC-P in Human.
Background: CXCL4, Chemokine(C-X-C motif) ligand 4, is a 70-amino acid protein that is released from the alpha-granules of activated platelets and binds with high affinity to heparin. CXCL4 belongs to the CXC chemokine family. The CXCL4 gene contains 3 exons spanning approximately 1 kb. The gene is encoded on a 10-kb EcoRI fragment of genomic DNA. By in situ hybridization, the CXCL4 gene is mapped to chromosome 4q12-q21. Its major physiologic role appears to be neutralization of heparin-like molecules on the endothelial surface of blood vessels, thereby inhibiting local antithrombin III activity and promoting coagulation. As a strong chemoattractant for neutrophils and fibroblasts, PF4 probably has a role in inflammation and wound repair.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130304
NCBI GeneID	5196
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; iroplact; oncostatin-A; C-X-C motif chemokine 4; chemokine (C-X-C motif) ligand 4
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.