

DNAxPAb

Hard-to-Find
Antibody

PF4 DNAxPab

Catalog # H00005196-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PF4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSAAGFCASRPGLLFLGLLLLPLVAFASAEAEEDGDLQCLCVKTTSQVRPRHITSLEVIKAGP HCPTAQLIATLKNRKCICLDLQAPLYKKIKKLLLES
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PF4

Entrez GeneID [5196](#)

GeneBank Accession# [NM_002619.1](#)

Protein Accession# [NP_002610.1](#)

Gene Name PF4

Gene Alias CXCL4, MGC138298, SCYB4

Gene Description platelet factor 4

Omim ID [173460](#)

Gene Ontology [Hyperlink](#)

Gene Summary Platelet factor-4 is a 70-amino acid protein that is released from the alpha-granules of activated platelets and binds with high affinity to heparin. 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 (Eisman et al., 1990 [PubMed 1695112]).[supplied by OMIM]

Other Designations chemokine (C-X-C motif) ligand 4|platelet factor 4 (chemokine (C-X-C motif) ligand 4)

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)