

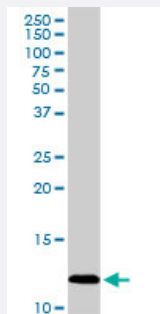
MaxPab®

PF4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005196-D01P

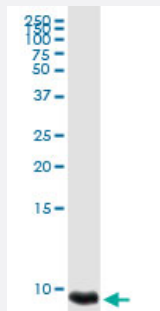
Size 100 ug

Applications



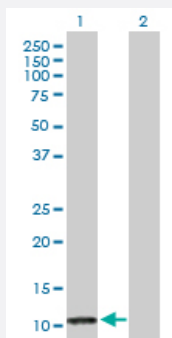
Western Blot (Tissue lysate)

PF4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PF4 expression in human spleen.



Western Blot (Cell lysate)

PF4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PF4 expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of PF4 expression in transfected 293T cell line ([H00005196-T02](#)) by PF4 MaxPab polyclonal antibody.

Lane 1: PF4 transfected lysate(10.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PF4 protein.

Immunogen	PF4 (NP_002610.1, 1 a.a. ~ 101 a.a) full-length human protein.
Sequence	MSSAAGFCASRPGLLFLGLLLLPLVVAFASAEAEEDGDLQCLCVKTTSQVRPRHITSLEVIKAGP HCPTAQLIATLKNGRKICLDLQAPLYKKIIKKLLES
Host	Rabbit
Reactivity	Human
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 (Tissue lysate)

PF4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PF4 expression in human spleen.

[Protocol Download](#)

- Western Blot (Cell lysate)

PF4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PF4 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PF4 expression in transfected 293T cell line ([H00005196-T02](#)) by PF4 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PF4

Entrez GeneID	5196
GeneBank Accession#	NM_002619
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 anti thrombin 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](#)