

Datasheet for ABIN3032246
anti-PF4 antibody (AA 85-101)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	PF4
Binding Specificity:	AA 85-101
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PF4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 85-101 (DLQAPLYKKIIKKLLES-human) were used as the immunogen for this CXCL4 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	PF4
Alternative Name:	CXCL4 (PF4 Products)
Background:	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. It belongs to the CXC chemokine family. The gene contains 3 exons spanning approximately 1 kb. It is encoded on a

Target Details

10-kb EcoRI fragment of genomic DNA. By in situ hybridization, the gene is mapped to chromosome 4q12-q21. CXCL4s 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, the cytokine probably has a role in inflammation and wound repair.

UniProt: [P02776](#)

Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the CXCL4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

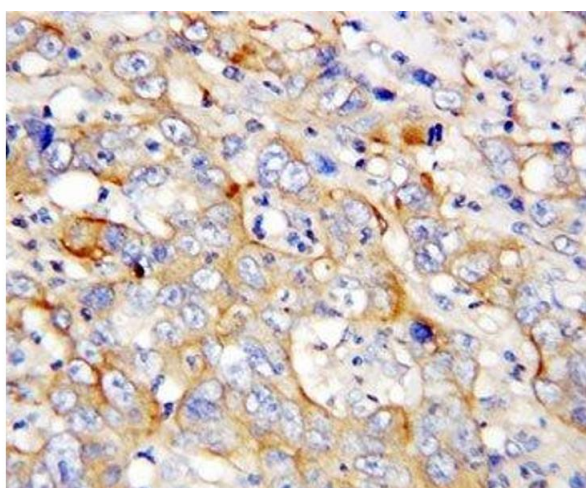
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the CXCL4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



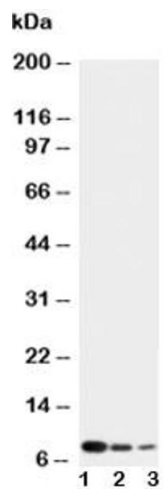
Immunohistochemistry

Image 1. IHC-P: CXCL4 antibody testing of human lung cancer tissue



Western Blotting

Image 2. Western blot testing of CXCL4 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng



Western Blotting

Image 3. Western blot testing of CXCL4 antibody and Lane 1: recombinant human protein 10ng