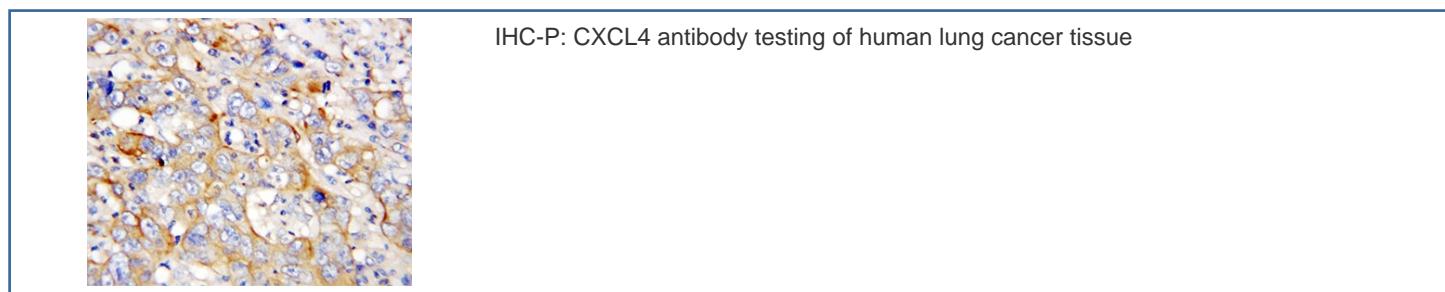
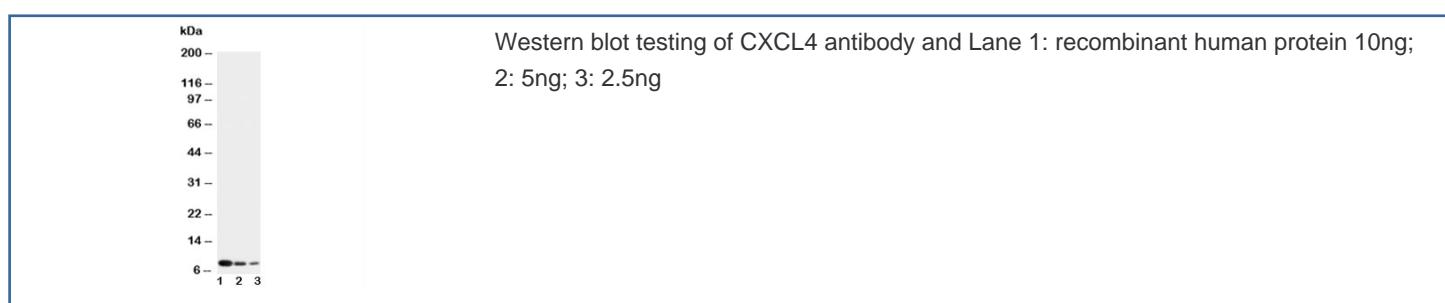


## CXCL4 Antibody (R30518)

Catalog No.	Formulation	Size
R30518	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P02776
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This CXCL4 antibody is available for research use only.



## Description

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 10-kb EcoRI fragment of genomic DNA. By *in situ* hybridization, the gene is mapped to chromosome 4q12-q21. CXCL4's 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.

## 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.

## Immunogen

Amino acids 85-101 (DLQAPLYKKIIKKLLES-human) were used as the immunogen for this CXCL4 antibody.

## Storage

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.