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Datasheet for ABIN7146103  
**anti-CXCR3 antibody (AA 4-50)**

4 Images

Overview

Quantity:	100 µg
Target:	CXCR3
Binding Specificity:	AA 4-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human C-X-C chemokine receptor type 3 protein (4-50AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CXCR3
Alternative Name:	CXCR3 ( <a href="#">CXCR3 Products</a> )
Background:	Background: Isoform 1: Receptor for the C-X-C chemokine CXCL9, CXCL10 and CXCL11 and mediates the proliferation, survival and angiogenic activity of human mesangial cells (HMC)

## Target Details

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through a heterotrimeric G-protein signaling pathway (PubMed:12782716). Binds to CCL21.

Probably promotes cell chemotaxis response.

Aliases: C-X-C chemokine receptor type 3 antibody, CD 183 antibody, CD182 antibody, CD183 antibody, Chemokine (C X C motif) receptor 3 antibody, Chemokine (C X C) receptor 3 antibody, Chemokine CXC Motif Receptor 3 antibody, CKR L2 antibody, CKR-L2 antibody, CKRL2 antibody, CMKAR3 antibody, CXC-R3 antibody, CXCR-3 antibody, CXCR3 antibody, CXCR3\_HUMAN antibody, G Protein Coupled Receptor 9 antibody, G protein-coupled receptor 9 antibody, GPR9 antibody, Interferon-inducible protein 10 receptor antibody, IP-10 receptor antibody, IP10 antibody, IP10 R antibody, IP10 receptor antibody, IP10-R antibody, IP10R antibody, Mig R antibody, Mig receptor antibody, Mig-R antibody, MIGR antibody

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UniProt: [P49682](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:1000-1:2000, IF:1:50-1:500,

Restrictions: For Research Use only

## Handling

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Format: Liquid

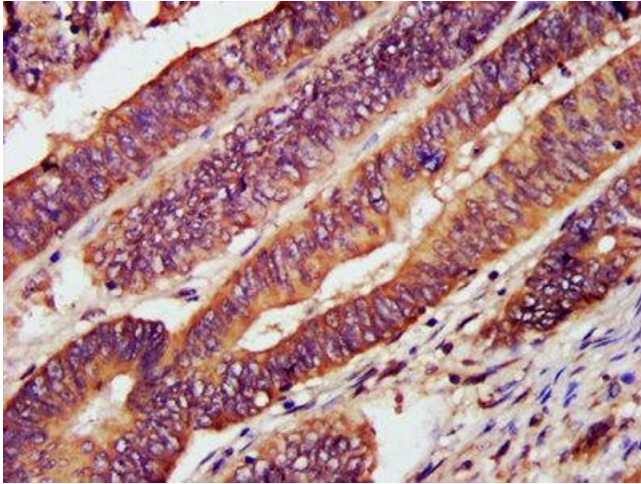
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

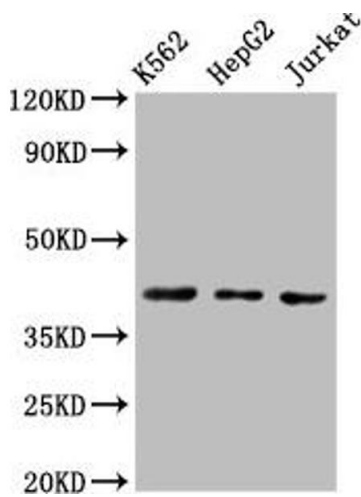
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



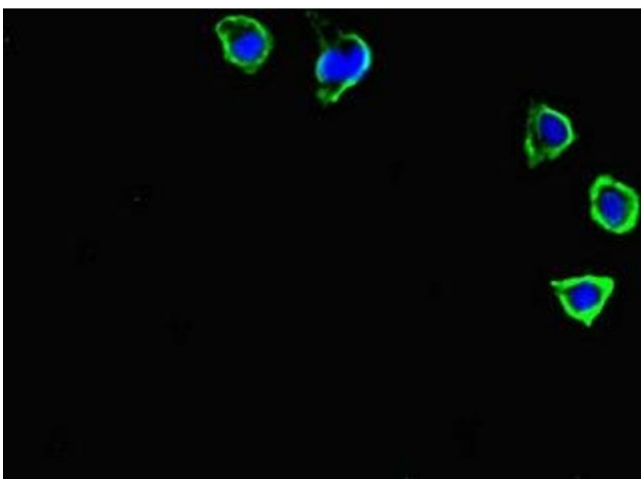
### Immunohistochemistry

**Image 1.** IHC image of ABIN7146103 diluted at 1:1200 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: K562 whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate All lanes: CXCR3 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 41, 46, 29 kDa Observed band size: 41 kDa



### Immunofluorescence

**Image 3.** Immunofluorescence staining of HepG2 cells with ABIN7146103 at 1:400, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7146103.