

Datasheet for ABIN6266198  
**anti-CXCR3 antibody (Internal Region)**

2 Images

1 Publication



[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	CXCR3
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human CXCR3, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	CXCR3 Antibody detects endogenous levels of total CXCR3.
Predicted Reactivity:	Pig,Horse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	CXCR3
---------	-------

## Target Details

---

Alternative Name:	CXCR3 ( <a href="#">CXCR3 Products</a> )
Background:	Description: 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) through a heterotrimeric G-protein signaling pathway (PubMed:12782716). Binds to CCL21. Probably promotes cell chemotaxis response. Gene: CXCR3
Molecular Weight:	46kDa
Gene ID:	2833
UniProt:	<a href="#">P49682</a>

## Application Details

---

Application Notes:	WB(1:500-1:2000), IHC(1:50-1:100), IF/ICC(1:100-1:500), ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

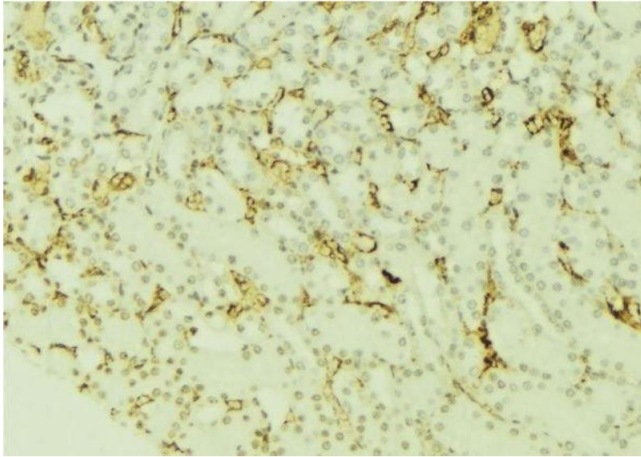
---

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

## Publications

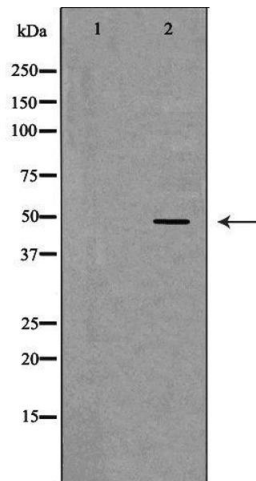
---

Product cited in:	Yin, Song, Yang, Zheng, Liu, Shen: "Effect of CXCR3/HO-1 genes modified bone marrow mesenchymal stem cells on small bowel transplant rejection." in: <b>World journal of gastroenterology</b> , Vol. 23, Issue 22, pp. 4016-4038, (2018) ( <a href="#">PubMed</a> ).
-------------------	--



#### Immunohistochemistry

**Image 1.** ABIN6277370 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22;ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary



#### Western Blotting

**Image 2.** Western blot analysis of Mouse heart lysate, using CXCR3 Antibody. The lane on the left is treated with the antigen-specific peptide.