

Datasheet for ABIN1386761

**anti-CXCR2 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	CXCR2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CXCR2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	CXCR2
Alternative Name:	Cxcr2 ( <a href="#">CXCR2 Products</a> )
Background:	Synonyms: CXC-chemokine receptor 2, CD 182, CD182, CD182 antigen, CDw128b, Chemokine CXC receptor 2, CMKAR2, CXCR 2, CXC R2, CXC-R2, CXCR2_HUMAN, C-X-C chemokine receptor type 2, CXCR-2, GRO/MGSA receptor, High affinity interleukin-8 receptor B, IL-8R B, IL-8

## Target Details

receptor type 2.

Background: The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCL1/MGSA), a protein with melanoma growth stimulating activity, and has been shown to be a major component required for serum-dependent melanoma cell growth. This receptor mediates neutrophil migration to sites of inflammation. The angiogenic effects of IL8 in intestinal microvascular endothelial cells are found to be mediated by this receptor. Knockout studies in mice suggested that this receptor controls the positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration. This gene, IL8RA, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2009].

Gene ID: 58191

Pathways: [cAMP Metabolic Process](#)

## Application Details

Application Notes: WB: 1:100-1000, FCM: 1:20-100, IHC-P: 1:100-500, IF(IHC-P): 1:50-200  
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

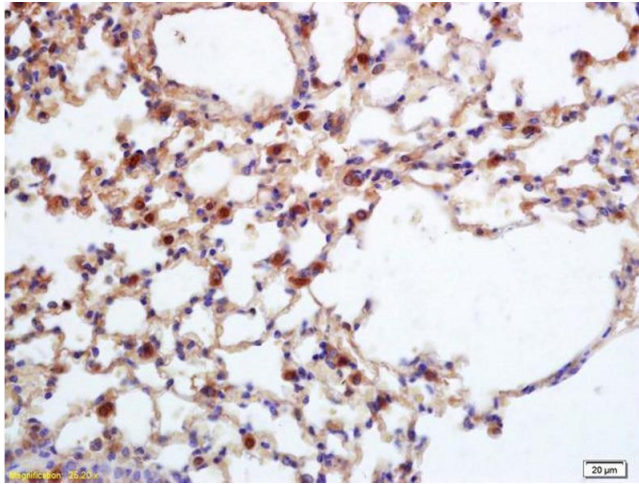
Preservative: Sodium azide

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 for 12 months.

Expiry Date: 12 months



#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse lung labeled with Rabbit Anti CXC-R2 Polyclonal Antibody, Unconjugated (ABIN1386761) at 1:200 followed by conjugation to the secondary antibody and DAB staining