



## Product Information Sheet

### Polyclonal Anti-C-X-C Chemokine receptor 2, **CXCR2**

**Catalogue No.** PA1029

**Lot No.** 09A01

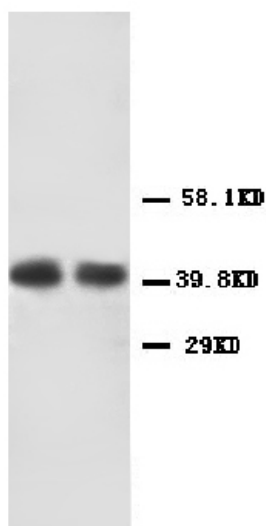
**Ig type:** rabbit IgG

**Size:** 100µg/vial

#### Specificity

Human, rat.

No cross reactivity with other proteins.



#### Recommended application

Western blot

CXCR2 (BA0757) 人的结肠癌  
裂解, 免疫印迹分析

#### Immunogen

A synthetic peptide mapping at the middle region of human CXCR2, different from the mouse sequence by six amino acids.

#### Purity

Immunogen affinity purified.

#### Application

	Concentration	Tested Species	Concluded Species	Antigen Retrieval
WB	1µg/ml	Hu, rat	Ms	-
IHC-P	-	-	-	-
IHC-F	-	-	-	-
ICC	-	-	-	-

*Other applications have not been tested.*

*Optimal dilutions should be determined by end user.*

To reorder contact us at:

**Antagene, Inc.**

**Toll Free: 1(866)964-2589**

**email: Info@antageneinc.com**

#### Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.**

**Reconstitution**

0.2ml of distilled water will yield a concentration of 500µg/ml.

**Storage**

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

**BACKGROUND**

CXCR2 is a receptor for Interleukin 8, which is a powerful neutrophil chemotactic factor. It is a member of the GPCR family (subfamily, chemokine). Binding of IL8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activate a phosphatidylinositol-calcium second messenger system. This receptor binds to IL8 with a high affinity and to GRO/MGSA and NAP2 also with a high affinity. It has been reported to be expressed in a wide variety of tissues. ESTs have been isolated from human placenta and thymus libraries.

**REFERENCE**

1. Murphy P.M., Tiffany H.L.;"Cloning of complementary DNA encoding a functional human interleukin-8 receptor."; Science 253:1280-1283(1991).
2. Cerretti D.P., Kozlosky C.J., Vanden Bos T., Nelson N., Gearing D.P., Beckmann M.P.;"Molecular characterization of receptors for human interleukin-8, GRO/melanoma growth-stimulatory activity and neutrophil activating peptide-2."; Mol. Immunol. 30:359-367(1993).
3. Sprenger H., Lloyd A.R., Lautens L.L., Bonner T.I., Kelvin D.J.;"Structure, genomic organization, and expression of the human interleukin-8 receptor B gene.";J. Biol. Chem. 269:11065-11072(1994).