

Datasheet for ABIN7138568  
**anti-CXCR2 antibody (pSer347)**



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1 Image

## Overview

Quantity:	100 µL
Target:	CXCR2
Binding Specificity:	pSer347
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 347(R-P-S(p)-F-V) derived from Human IL-8R beta/CDw128 beta
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

## Target Details

Target:	CXCR2
Alternative Name:	CXCR2 ( <a href="#">CXCR2 Products</a> )

## Target Details

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**Background:** Background: Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

Aliases: C-X-C chemokine receptor type 2 antibody, CD 182 antibody, CD182 antibody, CD182 antigen antibody, CDw128b antibody, Chemokine (CXC) receptor 2 antibody, CMKAR2 antibody, CXC-R2 antibody, CXCR 2 antibody, CXCR-2 antibody, CXCR2 antibody, CXCR2\_HUMAN antibody, GRO/MGSA receptor antibody, High affinity interleukin-8 receptor B antibody, IL 8 receptor type 2 antibody, IL 8R B antibody, IL-8 receptor type 2 antibody, IL-8R B antibody, IL8 RB antibody, IL8 receptor type 2 antibody, IL8R B antibody, IL8R2 antibody, IL8RA antibody, Interleukin 8 Receptor B antibody, Interleukin 8 receptor, beta antibody, Interleukin 8 receptor, type 2 antibody

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**UniProt:** [P25025](#)

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**Pathways:** [cAMP Metabolic Process](#)

## Application Details

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**Application Notes:** WB:1:500-1:1000,

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Buffer:** Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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**Preservative:** Sodium azide

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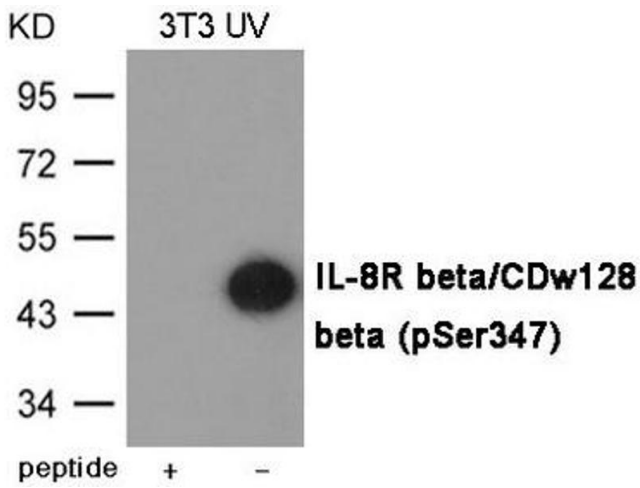
**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** -20 °C,-80 °C

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



#### Western Blotting

**Image 1.** Western blot analysis of extracts from 3T3 cells treated with UV using IL-8R beta/CDw128 beta (Phospho-Ser347) Antibody. The lane on the left is treated with the antigen-specific peptide.