

Datasheet for ABIN6256283
anti-CXCR2 antibody (pSer347)

5 Images

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Overview

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

Product Details

Immunogen:	A synthesized peptide derived from human IL-8R beta/CDw128 beta around the phosphorylation site of Serine 347
Isotype:	IgG
Specificity:	Phospho-IL-8R beta/CDw128 beta (Ser347) Antibody detects endogenous levels of IL-8R beta/CDw128 beta only when phosphorylated at Serine 347
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Target Details

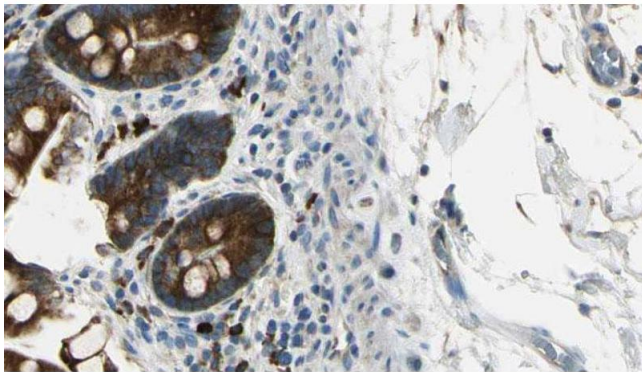
Target:	CXCR2
Alternative Name:	IL-8R beta/CDw128 beta (CXCR2 Products)
Background:	<p>Description: Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates 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.</p> <p>Gene: CXCR2</p>
Molecular Weight:	48kDa
Gene ID:	3579
UniProt:	P25025
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Restrictions:	For Research Use only

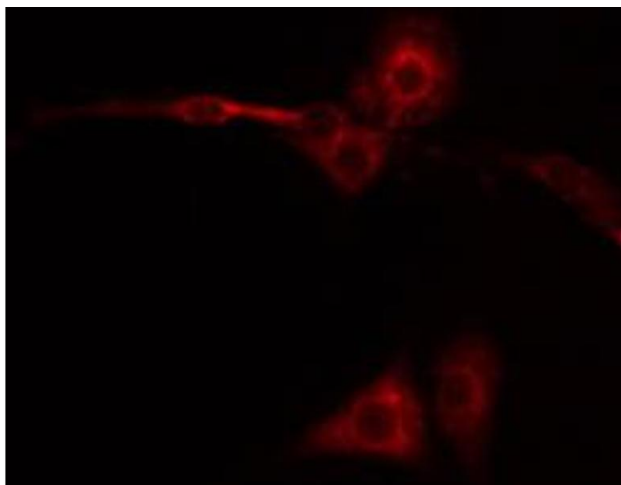
Handling

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



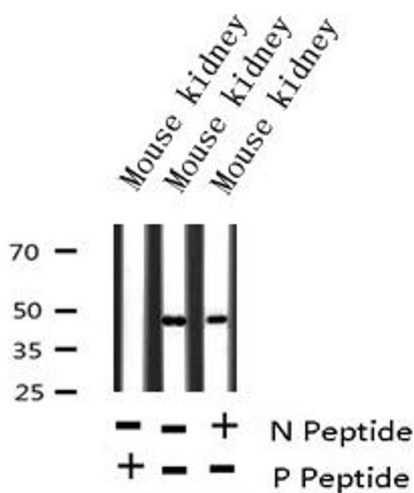
Immunohistochemistry

Image 1. ABIN6267449 at 1/100 staining Mouse intestine 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°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Immunofluorescence (fixed cells)

Image 2. ABIN6267449 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 3. Western blot analysis of Phospho-IL-8R beta/CDw128 beta (Ser347) expression in Mouse kidney lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6256283.