

**pA90040Ra01**

**Polyclonal Antibody to Chemokine C-X3-C-Motif Ligand 1 (CX3CL1)**

**Organism: Rattus norvegicus (Rat)**

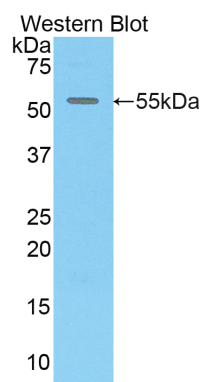
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

## [ **PRODUCT INFORMATION** ]

**Immunogen:** CX3CL1, Rat  
**Clonality:** Polyclonal  
**Host:** Rabbit  
**Immunoglobulin Type:** IgG  
**Purification:** Affinity Chromatography.  
**Applications:** WB, ICC, IHC-P, IHC-F, ELISA  
**Concentration:** 200µg/mL  
**UOM:** 100µg

7th Edition (Revised in May, 2013)



*Sample: Recombinant CX3CL1, Rat*

## [ **IMMUNOGEN INFORMATION** ]

**Immunogen:** Recombinant CX3CL1 (Trp81~Gln337) expressed in *E. coli*.  
**USCN Accession No.:** rP90040Ra01  
**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL  
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD  
VVLMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPKSD  
GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV  
LFQGPLGSEF-WVQDAMKHL D HQTAALTRNG GKFEKRV DNV TPRITSATRG LSPTALAKPE  
SATVEDLTLE PTAISQEARR PMGTSQEPPAAVTGSSPSTS KAQDAGLAAK PQSTGISEVA  
AVSTTIWPSS AVYQSGSSLW AEEKATESPP TIALSTQAST TSSPKQNVGS EGQPWVQE Q  
DSTPEKSPGP EETNPVHTDI FQDRGPGSTV HPSVAPTSSE KTPSPELVASGSQAPKVEEP  
IHATADPQKL SVFITPVPDS QAATRRQ

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## [ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against CX3CL1. It has been selected for its ability to recognize CX3CL1 in immunohistochemical staining and western blotting.

## [ APPLICATIONS ]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant CX3CL1 (Trp81~Gln337) disposed in loading buffer.



**Usage:** 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.  
5uL per well when used in enhanced chemiluminescent (ECL).

**Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

**Loading Buffer:** 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN<sub>3</sub> 0.02%.

## [ STORAGE ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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