

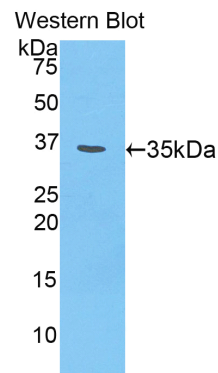
**A91134Ra01**  
**Polyclonal Antibody**  
**To Melanoma Associated Chondroitin Sulfate Proteoglycan (MCSP)**  
**Organism: Rattus norvegicus (Rat)**  
***Instruction manual***

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

6th Edition (Revised in March, 2013)

## **[ PRODUCT INFORMATION ]**

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






*Sample: Recombinant MCSP, Rat*

## **[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant MCSP (Asn1135~Gln1444) expressed in *E. coli*.  
**USCN Accession No.:** P91134Ra01  
**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF- NSSSLV VPQGGQGTID TAVLHLDTNL DIRSGNEVHY HVTAGPHWGQ  
LLRDGQSVTS FSQRDLLDGA ILYSHNGSLS PQDTLALSVA AGPVHTSTVL QVTIALEGPL  
APLQLVQHKR IYVFQGEAAE IRRDQLEVVQ EAVLPADIMF SLRSPPNAGY LVMVSHGASA  
DGPPSLDPVQ RFSQEAINSG RVLYLHSRPG AWSDFSFLDV ASGLGDPLEG ISVELEVLPT  
VIPLDVQNFV VPEGGTRTLA PPLIQITGPY LGTLPGLVLQ VLEPPQHGAL QKEDRPQDGT  
LSTFSWREVE EQLIRYVHDG SETQ

*Unique product Superb quality Client favorite Nicest service*  ISO9001:2008;  ISO13485:2003; 

## [ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against MCSP. It has been selected for its ability to recognize MCSP 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

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 MCSP (Asn1135~Gln1444) 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.