

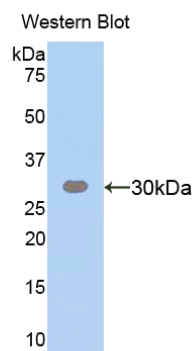
**A90855Hu21**  
**Monoclonal Antibody**  
**To Receptor Activator Of Nuclear Factor Kappa B Ligand (RANKL)**  
**Organism: Homo sapiens (Human)**  
***Instruction manual***

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

6th Edition (Revised in March, 2013)

## [ **PRODUCT INFORMATION** ]

**Immunogen:** RANKL, Human  
**Clonality:** Monoclonal  
**Host:** Mouse  
**Immunoglobulin Type:** IgG  
**Purification:** Affinity Chromatography.  
**Applications:** WB, ICC, IHC-P, IHC-F  
**Concentration:** 500µg/mL  
**UOM:** 100µg



*Sample: Recombinant RANKL, Human*

## [ **IMMUNOGEN INFORMATION** ]

**Immunogen:** Recombinant RANKL (Tyr69~Asp317) expressed in *E. coli*.  
**USCN Accession No.:** P90855Hu01  
**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSG SEF- YF RAQMDPNRIS EDGTHCIYRI LRLHENADFQ DTTLESQDTK  
 LIPDSCRRIK QAFQGAVQKE LQHIVGSQHI RAEKAMVDGS WLDLAKRSKL EAQPFALHTI  
 NATDIPSGSH KVSLSWYHD RGWAKISNMT FSNGKLIVNQ DGFYYLYANI CFRHHETSGD  
 LATEYLQLMV YVTKTSIKIP SSHTLMKGGG TKYWSGNSEF HFYSINVGGF FKLRSGEEIS  
 IEVSNPSLLD PDQDATYFGA FKVRDID

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

11271 Richmond Avenue, H104, Houston, TX 77082, USA | Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Email: mail@uscnk.us | Http://www.uscnk.us  
 Export Processing Zone, Wuhan 430056, P.R.China | Toll free: 0086-800-880-0687 | Fax: 0086-27-8425-9551 | Email: mail@uscnk.com | Http://www.uscnk.com

## [ ANTIBODY SPECIFICITY ]

The antibody is a mouse monoclonal antibody raised against RANKL. It has been selected for its ability to recognize RANKL 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 RANKL (Tyr69~Asp317) 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.