



**A90491Ra01**  
**Polyclonal Antibody to Keratin 2 (KRT2)**  
*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

**[ PRODUCT INFORMATION ]**

**Immunogen:** KRT2

**Clonality:** Polyclonal

**Host:** Rabbit

**Species Reactivity:** Rat

**Ig type:** Rabbit IgG

**Purification:** Antibodies are purified by target protein affinity chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F

**Form:** Liquid

**Size:** 100µg

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant rat KRT2 (Glu508~Arg685) expressed in *E.coli*.

**Molecular Weight:** 21.1 kDa

**USCN accession No.:** P90491Ra01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHSSGLVPRGSGMKETAALKFERQHMDSPDLGTDDDDKAMADIGSEF-ECR      MSGDFSDNVS      VSVTSSTISS  
SVASKAGFGS    GGQSSGGRGS    YGRRGGGSTY    GSGRRSSGVR    GSGSGSGGGG    YSSGGGSRGG    SGGGGYSTGG  
GSRGGSSSGG    GGYSSGGGSR    GDSSSGGSR    GSGGGSRGG    SGGGGYSSGG    GSRGGSSSGG    AVSGSERGGS  
GSGEGCGSGV TFSFR



## **[ ANTIBODY SPECIFICITY ]**

Anti KRT2 is a rabbit polyclonal antibody raised against rat KRT2. This antibody has been selected for its ability to recognize rat KRT2 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

## **[ 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, pH 7.4, containing 0.02%Na<sub>3</sub>N, 50% glycerol.

## **[ 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.

