

PAA492Mu01

Polyclonal Antibody to Keratin 1 (KRT1)

Organism Species: Mus musculus (Mouse)

Instruction manual

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

9th Edition (Revised in Jul, 2013)

[**PRODUCT INFORMATION**]

Immunogen: KRT1, Mouse

Clonality: Polyclonal

Host: Rabbit

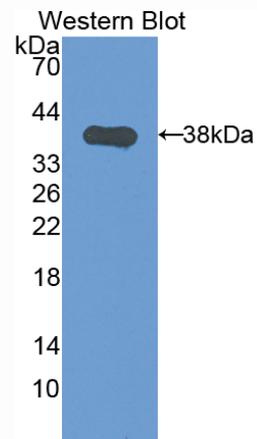
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant KRT1, Mouse

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant KRT1 (Arg189~Glu497) expressed in *E.coli*.

Accession No.: RPA492Mu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSG SEF-RE QIKSLNDKFA SFIDKVRFLQ QNQVLQTKW ELLQQVDTT
RTQNLDPFFE NYISILRRKV DSLKSDQSRM DSELKNMQDL VEEYRTKYED EINKRTNAEN
EFVTIKKDVD SAYMTKVELQ AKADALQQDI DFFSALYQME MSQMGTQISE TNVLSMDNN
RSLDLGIIIS EVKAQYDSIC QRSKAEAEATF YQSKYEELQI TAGKHGDSVR NTKMEISELN
RMIQRLRSEI DGCKKQISQI QQNINDAEQR GEKALKDAQN KLNEIEDALS QCKEDLARLL
RDFQELMNTK LALDMEIATY KKLLEGE

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against KRT1. It has been selected for its ability to recognize KRT1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

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% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant KRT1 (Arg189~Glu497) 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%, NaN₃ 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.