

PAB240Ra01

Polyclonal Antibody to Keratin 20 (KRT20)

Organism Species: Rattus norvegicus (Rat)

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: KRT20, Rat

Clonality: Polyclonal

Host: Rabbit

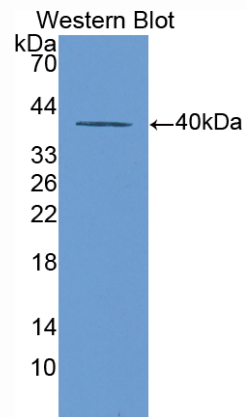
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant KRT20, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant KRT20 (Glu75~Glu382) expressed in *E.coli*.

Accession No.: RPB240Ra01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SGLVPRGSH MASMTGGQQM GRGSEF- EKLAMQ NLNDRLASYL
EKVRSLEQSN SKLEAIKQW YETNAPSTIR DYSSYYAQIK ELQDQIKDAQ IENARCVLQI
DNAKLAEDF RLFETERGM RITVEADLQG LSKVYDDLTL QKTDLEIQIE ELNKDLALLK
KEHQEEVEVL RRQLGNNVNV EVDAAPGLNL GEIMNEMRQK YEILAQKNLQ
EAKEQFERQT QTLEKQVTNV IEELRGTEVQ VTELRRSYQT LEIELSQSLQ MKESLERTLE
ETKARYASQL AAIQEMLSSL EAQLMQIRSD TERQNQEYNI LLDIKTRLEQ EIATYRRLLLE GE

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against KRT20. It has been selected for its ability to recognize KRT20 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% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant KRT20 (Glu75~Glu382) 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.