

PAB240Mu01

Polyclonal Antibody to Keratin 20 (KRT20)

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: KRT20, Mouse

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant KRT20 (Asp2~Val431) expressed in *E.coli*.

Accession No.: RPB240Mu01

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

MGHHHHHSG SEF-DFSRQSFHR SLSSSSQGPA LMSGSLYRK GTVQRLGAAP
SVYGGAGGHG TRISVSKAVM SYGGDLNNGS DLFGGNGKLA MQNLNDRLAN
YLEKVRSLAQ SNSRLEAIK QWYETNAPST IRDYSSYYAQ IKELQNQVKD AQVQNAQCVL
RIDNAKLAAE DFRLKFETER GMRIAVEADL QGLSKVYDNL TLQKTDLEIQ IEELNKDLAL
LKKEHQEEVE VLRRQLGNNV NVEVDAAPGL NLGEIMNEMR QRYEVLAQKN
LQEAKEQFER QSQTLQQQVT VNTTEELKGFV VQVTELRRTY QNLEIELQSH LSMKESLERN
LEDVKARYAS QLAAIQEMLS SLEAQLMQIR SDTERQNQEH NILLDIKTRL EQEIATYRRL
LEGEDIKTE YQLSTLEMKD IKKTRKIKTV VEEVVDGKVV SSEVKEIEES V

[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

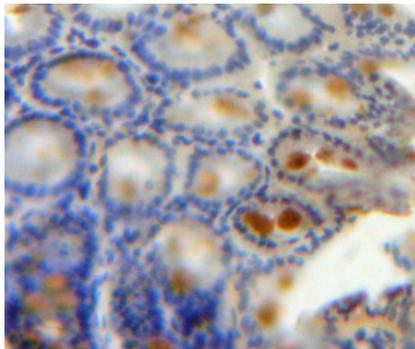
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

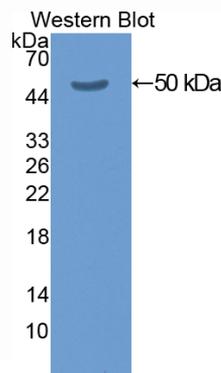
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on formalin fixed
paraffin- embedded bowels tissue



Used in Western Blot ,Sample:
Recombinant KRT20,Mouse

[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 (Asp2~Val431) 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.