

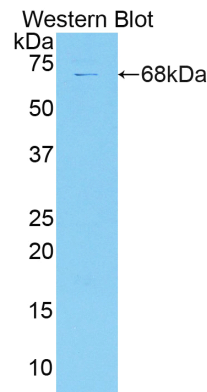
pA92134Ra01
Polyclonal Antibody to Collagen Type XVIII (COL18)
Organism: Rattus norvegicus (Rat)
Instruction manual

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

[**PRODUCT INFORMATION**]

Immunogen: COL18, Rat
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200µg/mL
UOM: 100µg

7th Edition (Revised in May, 2013)






Sample: Recombinant COL18, Rat

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant COL18 (Ser1072~Gly1271) expressed in *E.coli*.
USCN Accession No.: rP92134Ra01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
VVLMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGGDHPKSD
GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV
LFQGPLGSEF-SYPTARPWR ADDILANPPR LPDRQPYPGV PHHHHHHHHH HSSSHEHRPPA
HPSPSPATH QDFHPVLHLV ALNTPLSGGM RGIRGADFQC FQARAVGLS GTFRAFLSSR
LQDLYSIVRR ADRSSVPIVN LKDEVLSPSW DTLFSGSQGQ LHSGARIFSF DGRDVLRHPA
WPQKSVWHGS DPSGRRLMESYCETWRTEAT G

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[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against COL18. It has been selected for its ability to recognize COL18 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 COL18 (Ser1072~Gly1271) 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.

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