

PAB973Mu01

Polyclonal Antibody

To A Disintegrin And Metalloproteinase With Thrombospondin 1 (ADAMTS1)

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: ADAMTS1, 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 ADAMTS1 (His560~Pro911) expressed in *E.coli*.

USCN Accession No.: RPB973Mu01

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

MGHHHHHHSQSEF-H GSWGPWGPWG DCSRTC GGGV QYTMRECDNP VPKNGGKYCE
GKRVRYRSCN IEDCPDNN GK TFREEQCEAH NEFSKASFGN EPTVEWTPKY
AGVSPKDRCK LTCEAKGIGY FFVLQPKVVD GTPCSPDSTS VCVQGQCVKA GCDRIIDSKK
KFDKCGVCGG NGSTCKKMSG IVTSTRPGYH DIVTIPAGAT NIEVKHRNQR GSRNNGSFLA
IRAADGTYILNGNFTLSTLE QDLTYKGTVL RYSGSSAALE RIRSF SPLKE PLTIQVLMVG
HALRPKIKFT YFMKKKTESF NAIPTFSEVV IEEWGEC SKT CGSGWQRRVV QCRDINGHPA
SECAKEVKPA STRPCADLPC P

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against ADAMTS1. It has been selected for its ability to recognize ADAMTS1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

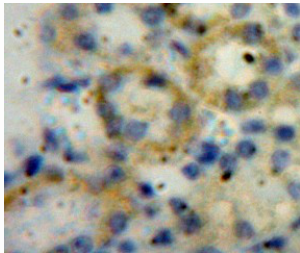
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

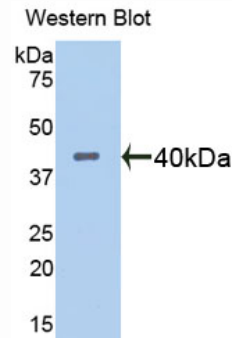
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



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



Used in Western Blot, Sample:
Recombinant ADAMTS1, 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 ADAMTS1 (His560~Pro911) 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.