

pA90004Mu02

Polyclonal Antibody to Angiotensin I Converting Enzyme (ACE)
Organism: Mus musculus (Mouse)
Instruction manual

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

7th Edition (Revised in May, 2013)

[PRODUCT INFORMATION]

Immunogen: ACE, Mouse

Clonality: Polyclonal

Host: Rabbit

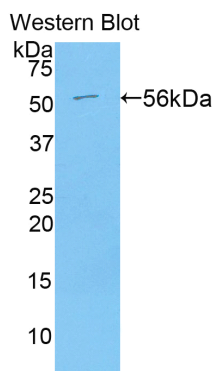
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant ACE, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant ACE (Tyr504~Asp597) expressed in *E.coli*.

USCN Accession No.: rP90004Mu02

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

MKIEEGKLVI WINGDKGYNG LAEVGKKFEK DTGIKVTEH PDKLEEKFPQ VAATGDGPDI
 IFWAHDRFGG YAQSGLLAEI TPDKAFQDKL YPFTWDAVRY NGKLIAYPIA VEALSLIYNK
 DLLPNPPKTW EEIPALDKEL KAKGKSALMF NLQEPYFTWP LIAADGGYAF KYENGKYDIK
 DVGVDNAGAK AGLTFLVDLI KNKHMNADTD YSIAEAAFNK GETAMTINGP WAWSNIDTSK
 VNYGVTVLPT FKGQPSKPFV GVLSAGINAA SPNKELAKEF LENYLLTDEG LEAVNKDKPL
 GAVALKSYEE ELAKDPRIAA TMENAKQGEI MPNIPQMSAF WYAVRTAVIN AASGRQTVDE
 ALKDAQTGST SGSQHSHHHH SAGLVPRGST AIGMKETAAA KFERQHMDSP DLGTLLEVLFQ
 GPLGSEF- YQGICPP VARNETHFDA GAKFHIPNVT PYIRYFVSFV LQFQFHQALC
 KEAGHQGPLH QCDIYQSAQA GAKLKQVLQA GCSRWPQEVL KDLVGSD

Unique product Superb quality Client favorite Nicest service  ISO9001:2008;  ISO13485:2003; 

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against ACE. It has been selected for its ability to recognize ACE 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 ACE (Tyr504~Asp597) 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.