

**MAA797Ra21**  
**Monoclonal Antibody to Angiotensinogen (AGT)**  
**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:** AGT, Rat

**Clonality:** Monoclonal

**Clone number:** C5

**Host:** Mouse

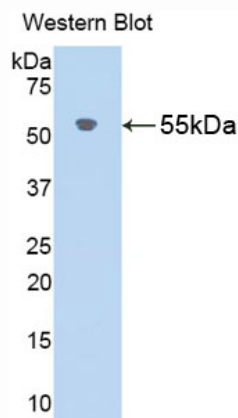
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

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

**Concentration:** 500µg/mL

**UOM:** 200µg



*Sample: Recombinant AGT, Rat*

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant AGT (Asp25~Val477) expressed in *E.coli*.

**Accession No.:** RPA797Ra01

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

MHHHHHHSSG LVPRGSGMKE TAAKFERQH MDSPDLGTTDD DDKAMADIGS EF- DRVYIH  
PFHLLYYSKS TCAQLENPSV ETLPEPTFEP VPIQAKTSPV DEKTLRDKLV LATEKLEAED  
RQRAAQVAMI ANFMGFRMYK MLSEARGVAS GAVLSPPALF GTLVSFYLG S LDPTASQLQV  
LLGVPVKEGD CTSRLDGHKV LTALQAVQGL LVTQGGSSSQ TPLLQSTVVG LFTAPGLRLK

QPFVESLGPFF TPAIFPRSLD LSTDPVLAQA KINRFVQAVT GWKMNLPLEG VSTDSTLFFN  
TYVHFQGGKMR GFSQLTGLHE FWVDNSTSVS VPMLSGTGNF QHWSDAQNNF  
SVTRVPLGES VLLLLIQPQC ASDLDRVEVL VFQHDFLTWI KNPPPRAIRL TLPQLEIRGS  
YNLQDLLAQA KLSTLLGAEA NLGKMGDTPN RVGEVLNSIL LELQAGEEEQ PTESAQQPGS  
PEVLDTLSS PFLFAIYERD SGALHFLGRV DNPQNVV

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a mouse monoclonal antibody raised against AGT. It has been selected for its ability to recognize AGT 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% NaN<sub>3</sub>, 50% glycerol.

## **[ 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.