

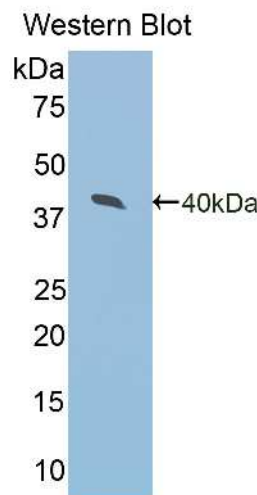
A93796Ra01
Polyclonal Antibody to Arginase II (Arg2)
Instruction manual

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

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: Arg2
Clonality: Polyclonal
Host: Rabbit
Species Reactivity: Rat
Ig type: Rabbit IgG
Purification: Antibodies are purified by target protein affinity chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Form: Liquid
Size: 100µg



Sample: Recombinant rat Arg2

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant rat Arg2 (Val23~Ile354) expressed in *E. coli*.
Molecular Weight: 37.7kDa
USCN accession No.: P93796Ra01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.
MGHHHHHSGSEF- VHSVAVVG APFSRGQKKK GVEYGPAAIR EAGLLKRLSM
LGCHIKDFGD LSFTNVPKDD PYNLNVYPR SVGIANQELA EVSRAVSGG YSCVTLLGGDH
SLAIGTISGH ARHHPDLCVI WVDAHADINT PLTTVSGNIH GQPLSFLIRE LQDKVPQLPG
FSWIKPCLSP PNLVYIGLRD VEPAEHFILK SFDIQYFSMR DIDRLGIQKV MEQTFDRLLIG



KRRRPIHLSF DIDAFDPKLA PATGTPVVGGLTYREGLYIT EEIHSTGLLS ALDLVEVNPH
LATSEEEAKA TASLAVDVIA SSFGQTREGG HIAYDHLPTP SSPHESEKEE CVRI

[ANTIBODY SPECIFICITY]

Anti Arg2 is a rabbit polyclonal antibody raised against rat Arg2. This antibody has been selected for its ability to recognize rat Arg2 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[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

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant rat Arg2 (Val23~Ile354) 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(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 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.