

MAD796Ra22

**Monoclonal Antibody to Arginase II (Arg2)
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: Arg2, Rat

Clonality: Monoclonal

Clone number: F7

Host: Mouse

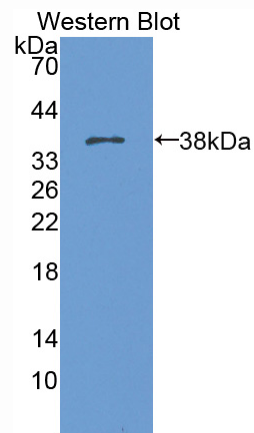
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant Arg2, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant Arg2 (Val23~Ile354) expressed in *E.coli*.

Accession No.: RPD796Ra01

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

MGHHHHHHHSGSEF-VHSAVAVG APFSRGQKKK GVEYGPAAIR EAGLLKRLSM
LGCHIKDFGD LSFTNVPKDD PYNLWVYPR SVGIANQELA EVSRAVSGG YSCVTLGGDH
SLAIGTISGH ARHHPDLCVI WVDHADINT PLTTVSGNIH GQPLSFLIRE LQDKVPQLPG
FSWIKPCLSP PNLVYIGLRD VEPAEHFILK SFDIQYFSMR DIDRLGIQKV MEQTFDRLLG
KRKRPIHLSF DIDAFDPKLA PATGTPVVG LTYREGLYIT EEIHSTGLLS ALDLVEVNPH
LATSEEEAKA TASLAVDVIA SSFGQTREGG HIAYDHLPTP SSPHESEKKEE CVRI

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against Arg2. It has been selected for its ability to recognize Arg2 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.

[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.