

A90782Si91
HRP-linked Antibody to Carbonic Anhydrase II (CA2)
Organism: Rhesus monkey (Simian)
Instruction manual

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

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: CA2, Simian

Conjugation: HRP

Clonality: Polyclonal

Host: Rabbit

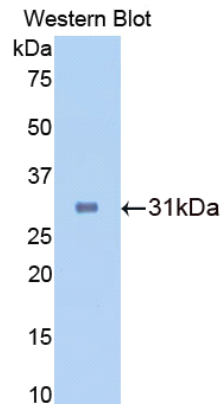
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 50µg



Sample: Recombinant CA2, Simian




[IMMUNOGEN INFORMATION]

Immunogen: Recombinant CA2 (Met1~Lys260) expressed in *E.coli*.

USCN Accession No.: P90782Si01

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

MGHHHHHHSQSEF- MSHHWGYGKH NGPEHWHKDF PIAKGQRQSP VDTDHTAKY
DPSLKPLSVS YDQATSLRIL NNGHSFNVEF DDSQDKAVIK GGPLDGTYRL IQFHFHWGSL
DGQGSEHTVD KKKYAAELHL VHWNTKYGDF GKAVQQPDGL AVLGIFLKV GSAKPLQKVV
DVLDSIKTKG KSADFTNFDP RLLPESLDY WTYPGSLTTP PLLECVTWIV LKEPISVSSE
QMSKFRKLN FNGEGEPEELM VDNWRPAQPL KNRQIKASFK

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

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against CA2. It has been selected for its ability to recognize CA2 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

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 CA2 (Met1~Lys260) 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.