

MAH097Hu21

Monoclonal Antibody to Sulfite Oxidase (SUOX)

Organism Species: Homo sapiens (Human)

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: SUOX, Human

Clonality: Monoclonal

Host: Mouse

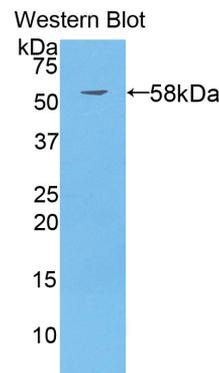
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant SUOX, Human

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant SUOX (Glu80~Pro545) expressed in *E.coli*.

USCN Accession No.: RPH097Hu01

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

MHHHHHSSG LVPRGSGMKE TAAKFERQH MDSPDLGTDD DDKAMADIGS EF- E
STHIYTKEEV SSHTSPETGI WVTLGSEVFD VTEFVDLHPG GPSKMLLAAG GPLEPFWALY
AVHNQSHVRE LLAQYKIGEL NPEDKVAPT VETSDPYADDP VRHPALKVNS QRPFNAEPPP
ELLTENYITP NPIFFTRNHL PVPNLDPDTP RLHVVGAPGG QSLSLSLDDL HNFPRYEITV
TLQCAGNRRS EMTQVKEVKG LEWRTGAIST ARWAGARLCD VLAQAGHQLC
ETEAHVCFEG LDSDPTGTAY GASIPLARAM DPEAEVLLAY EMNGQPLPRD HGFPVRVVPV
GVVGARHVKW LGRVSVQPEE SYSHWQRRDY KGFSPSVDWE TVDFDSAPSI

QELPVQSAIT EPRDGETVES GEVTIKGYAW SGGGRAVIRV DVSLDGGLTW QVAKLDGEEQ
RPRKAWAWRL WQLKAPVPAG QKELNIVCKA VDDGYNVQPD TVAPIWNLRG
VLSNAWHRVH VYVSP

[ANTIBODY SPECIFICITY]

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