

Anti-COX4I1 Antibody, Mouse Monoclonal, C8T

COX4, Cytochrome c oxidase polypeptide IV

Catalog: MA00294HuM10-C8T Size:100 μ L

Basic Info

Host

Mouse

Conjugate

None

Concentration

1mg/mL

Physical State

Liquid

Clone No

C8T

Species Reactivity

Human/Monkey/Mouse/Rat

Clonality, Isotype

/

Immunogen

Recombinant human COX4I1 protein

Purification

Immunogen affinity purified

Applications

WB/IHC

Property

Form & Buffer: Supplied in PBS, 50% glycerol, PH7.4.

Specificity / Sensitivity: MA00294HuM10-C8T recognizes endogenous levels of human COX4I1.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB: 0.5~5 μ g/mL IF: 5~20 μ g/mL

IHC: 5~20 μ g/mL ICC: 5~20 μ g/mL

Usage and

Storage

Store at 4 $^{\circ}$ C for frequent use.

Aliquot and store at -20 $^{\circ}$ C for 12 months.

Avoid repeated freezing/thawing and violent shaking.

Please centrifuge it, before using.

QC Data

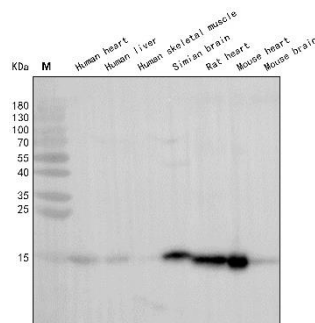
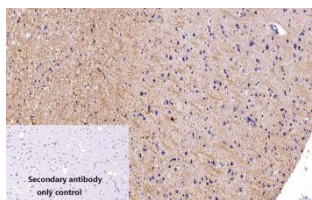


Figure 1. Application in WB

Western blot analysis of extracts of various cell lines and tissues, using COX4I1 antibody MA00294HuM10-C8T at 3 μ g/mL. Secondary antibody: HRP Mouse Anti-Rabbit IgG (H+L) at 1:4000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 0.5s.

QC Data**Figure 2. Application in IHC**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of monkey brain, monkey cerebellum, monkey left ventricle, monkey kidney sections labelling COX4I1 with purified MA00294HuM10-C8T at 10 μ g/mL dilution. Heat mediated antigen retrieval was performed using Heat mediated antigen retrieval using citrate buffer (PH6.0). Tissue was counterstained with Hematoxylin. Mouse specific IHC polymer detection kit HRP/DAB secondary antibody was used at 1: 2000 dilution. PBS instead of the primary antibody was used as the negative control.

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