

## Anti-AMACR Antibody, Mouse Monoclonal, A1T

2-methylacetyl-CoA racemase

Catalog: MA01524HuM10-A1T

Size:100 $\mu$ L

### Basic Info

#### Host

Mouse

#### Conjugate

None

#### Concentration

1mg/mL

#### Physical State

Liquid

#### Clone No

A1T

#### Species Reactivity

Human/Mouse/Monkey

#### Clonality, Isotype

/

#### Immunogen

A synthetic peptide of human AMACR

#### Purification

Immunogen affinity purified

#### Applications

WB/IHC

### Property

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

**Specificity / Sensitivity:** MA01524HuM10-A1T recognizes endogenous levels of human AMACR.

### Applications

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

WB: 0.5~5 $\mu$ g/mL      IF: 5~20 $\mu$ g/mL

IHC: 5~20 $\mu$ g/mL      ICC: 5~20 $\mu$ g/mL

### Usage and

### Storage

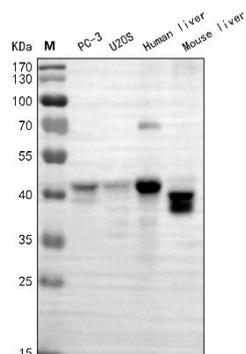
Store at 4 $^{\circ}$ C for frequent use.

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

Avoid repeated freezing/thawing and violent shaking.

Please centrifuge it, before using.

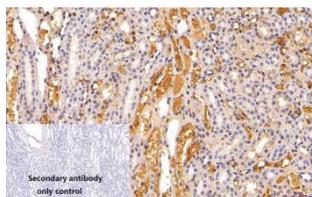
### QC Data



**Figure 1. Application in WB**

Western blot analysis of extracts of various cell lines and tissues, using AMACR antibody MA01524HuM10-A1T at 2 $\mu$ g/mL. Secondary antibody: HRP Mouse Anti-Rabbit IgG (H+L) at 1:5000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 5% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 2s.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of monkey liver、 monkey kidney sections labelling AMACR with purified MA01524HuM10-A1T at 30 $\mu$ 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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