

Anti-ACTB Antibody, Mouse Monoclonal, B7T

Beta-actin

Catalog: CM00001HuM10-B7T

Size:100 μ L

Basic Info

Host

Mouse

Conjugate

None

Concentration

1mg/mL

Physical State

Liquid

Clone No

B7T

Species Reactivity

Human/Mouse/Rat

Clonality, Isotype

/

Immunogen

A synthetic peptide of human ACTB

Purification

Immunogen affinity purified

Applications

WB/IHC

Property

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

Specificity / Sensitivity: CM00001HuM10-B7T recognizes endogenous levels of human ACTB.

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°C for frequent use.

Aliquot and store at -20°C for 12 months.

Avoid repeated freezing/thawing and violent shaking.

Please centrifuge it, before using.

QC Data

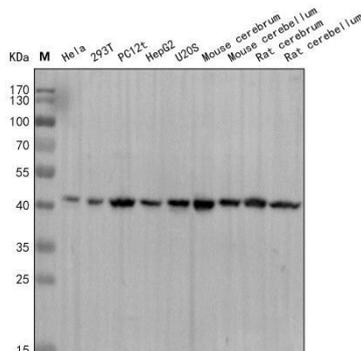
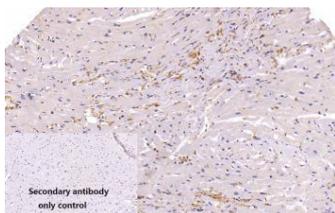


Figure 1. Application in WB

Western blot analysis of extracts of various cell lines and tissues, using ACTB antibody (CM00001HuM10-B7T) at 1 μ g/mL Secondary antibody: HRP Mouse Anti-Mouse IgG (H+L) at 1: 20000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 0.1s.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of monkey left ventricle, monkey liver, monkey prostate, monkey spleen, monkey jejunum, monkey epididymis sections labelling ACTB with purified CM00001HuM10-B7T at 5 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

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