

Anti-ACTA2 Antibody, Mouse Monoclonal, A1T

ACT-A2, ACTSA, ACTVS, Asma, GIG46

Catalog: CM00526HuM10-A1T Size:100 μ L

Basic Info

Host

Mouse

Conjugate

None

Concentration

1.0 mg/mL

Physical State

Liquid

Clone No

A1T

Species Reactivity

Predict reacts with: Human/Mouse/Rat

Clonality, Isotype

/

Immunogen

A synthetic peptide of human ACTA2

Purification

Immunogen affinity purified

Applications

WB/IHC

Property

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

Specificity / Sensitivity: CM00526HuM10-A1T recognizes endogenous levels of human ACTA2.

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

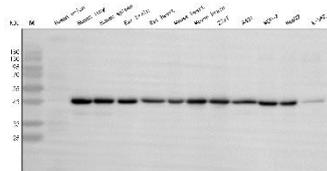


Figure 1. Application in WB

Western blot analysis of extracts of various cells lines and tissues, using ACTA2 antibody CM00526HuM10-A1T at 1 μ g/mL. Secondary antibody: HRP Mouse Anti-Rabbit IgG (H+L) at 1: 20000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon, human lung, monkey epididymis, monkey heart, monkey kidney, monkey liver, monkey rectum, monkey stomach, monkey tongue sections labelling ACTA2 with purified CM00526HuM10-A1T 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 was used as the negative control.

For Research Use Only!