

Anti-MICU1 Antibody, Mouse Monoclonal, E4T

Catalog: MA04948HuM10-E4T Size:100 μ L

Basic Info	Host	Species Reactivity
	Mouse	Human/Mouse/Rat/Monkey
	Conjugate	Clonality, Isotype
	None	/
	Concentration	Immunogen
	1mg/mL	Recombinant Human MICU1 protein
	Physical State	Purification
	Liquid	Immunogen affinity purified
	Clone No	Applications
	E4T	WB/IHC

Property **Form & Buffer:** Supplied in PBS, 50% glycerol, PH7.4.
Specificity / Sensitivity: MA04948HuM10-E4T recognizes endogenous levels of human MICU1.

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

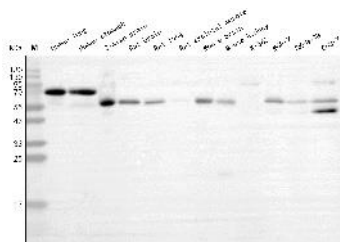


Figure 1. Application in WB

Western blot analysis of extracts of various cells lines and tissues, using MICU1 antibody MA04948HuM10-E4T at 1 μ g/mL Secondary antibody: HRP Mouse Anti-Rabbit IgG (H+L) at 1: 4000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 13s.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of monkey brain stem sections labelling MICU1 with purified MA04948HuM10-E4T at 30 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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