

Anti-HSPB1 Antibody, Mouse Monoclonal, E4T

HSPB1, HSP-B1, CMT2F, HSP28, Hsp25, Heat Shock 27kDa Protein 1

Catalog: MA09122HuM10-E4T Size:100 μ L

Basic Info

Host	Mouse	Species Reactivity	Human/Monkey
Conjugate	None	Clonality, Isotype	/
Concentration	1mg/mL	Immunogen	Recombinant Human HSPB1 protein
Physical State	Liquid	Purification	Immunogen affinity purified
Clone No	E4T	Applications	WB/IHC

Property

Form & Buffer: Supplied in PBS, 50% glycerol, PH7.4.
Specificity / Sensitivity: MA09122HuM10-E4T recognizes endogenous levels of human HSPB1.

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

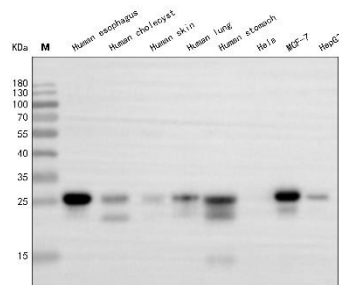
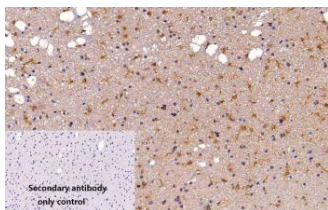


Figure 1. Application in WB

Western blot analysis of extracts of various cells lines and tissues, using HSPB1 antibody MA09122HuM10-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: 4s.

QC Data

**Figure 2. Application in IHC**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of monkey brain, monkey kidney, monkey prostate sections labelling HSPB1 with purified MA09122HuM10-E4T 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.

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