

## Anti-PRPH Antibody, Mouse Monoclonal, H4T

NEF4, PRPH1, Neurofilament 4

Catalog: MA00927HuM10-H4T      Size:100 $\mu$ L

### Basic Info

|                       |        |                           |                                |
|-----------------------|--------|---------------------------|--------------------------------|
| <b>Host</b>           | Mouse  | <b>Species Reactivity</b> | Human/Mouse/Rat                |
| <b>Conjugate</b>      | None   | <b>Clonality, Isotype</b> | /                              |
| <b>Concentration</b>  | 1mg/mL | <b>Immunogen</b>          | Recombinant human PRPH Protein |
| <b>Physical State</b> | Liquid | <b>Purification</b>       | Immunogen affinity purified    |
| <b>Clone No</b>       | H4T    | <b>Applications</b>       | WB/IHC                         |

### Property

**Form & Buffer:** Supplied in PBS, 50% glycerol, PH7.4.  
**Specificity / Sensitivity:** MA00927HuM10-H4T recognizes endogenous levels of Human PRPH.

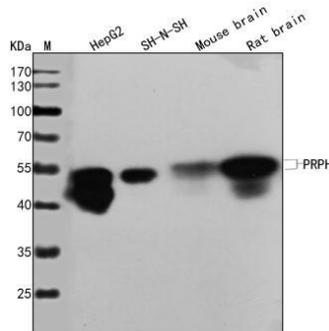
### Applications

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 PRPH antibody MA00927HuM10-H4T at 3 $\mu$ g/mL  
Secondary antibody: HRP Mouse Anti-Rabbit IgG (H+L) at 1:20000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1min.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of monkey brain, monkey cerebellum, monkey esophagus sections labelling PRPH with purified MA00927HuM10-H4T at 10 $\mu$ 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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