

## Anti-KRT16 Antibody, Mouse Monoclonal, F6T

Catalog: MA01103HuM10-F6T      Size:100 $\mu$ L

### Basic Info

<b>Host</b>	Mouse	<b>Species Reactivity</b>	Human/Monkey/Mouse/Rat
<b>Conjugate</b>	None	<b>Clonality, Isotype</b>	/
<b>Concentration</b>	1mg/mL	<b>Immunogen</b>	A synthetic peptide of human KRT16
<b>Physical State</b>	Liquid	<b>Purification</b>	Immunogen affinity purified
<b>Clone No</b>	F6T	<b>Applications</b>	WB/IHC

### Property

**Form & Buffer:** Supplied in PBS, 50% glycerol, PH7.4.  
**Specificity / Sensitivity:** MA01103HuM10-F6T recognizes endogenous levels of human KRT16.

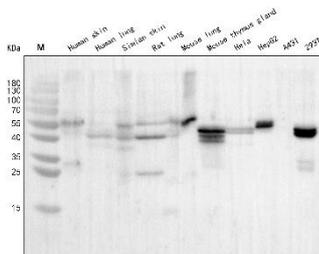
### Applications

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

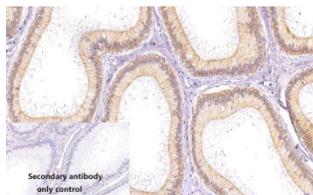
Store at 4 $^{\circ}$ C for frequent use.  
Aliquot and store at -20 $^{\circ}$ C for 12 months.  
Avoid repeated freezing/thawing and violent shaking.  
Please centrifuge it, before using.

### QC Data



**Figure 1. Application in WB**

Western blot analysis of extracts of various cell lines and tissues, using KRT16 antibody MA01103HuM10-F6T at 2 $\mu$ g/mL. Secondary antibody: HRP Mouse Anti-Rabbit IgG (H+L) at 1: 4000 dilution. Lysates/proteins: 25 $\mu$ 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 human lung, monkey epididymis, monkey esophagus, monkey jejunum, monkey kidney, monkey liver, monkey prostate, monkey rectum, monkey salivary gland, monkey submandibular gland sections labelling KRT16 with purified MA01103HuM10-F6T at 5 $\mu$ 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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