

# IHC*easy* MTF1 Ready-To-Use IHC Kit

Catalog Number: **KHC1738**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse, Rat

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Rabbit Polyclonal

**Secondary antibody type:**  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

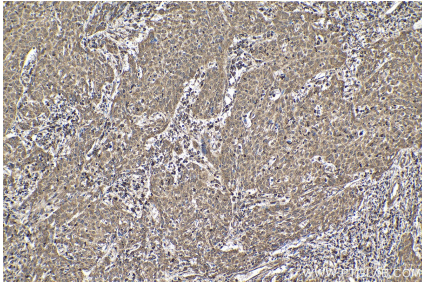
## Background

Metal regulatory transcription factor 1 (MTF1), contains six C2H2-type zinc finger and localizes in the nucleus. MTF1 is a 753 amino acid protein. MTF1 binds to the metal responsive element and activates the metallothionein I promoter.

## Synonyms

MTF 1, MTF1, Transcription factor MTF 1, ZRF

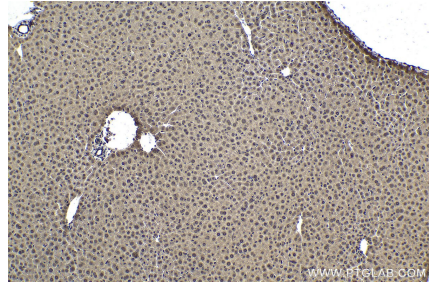
## Selected Validation Data



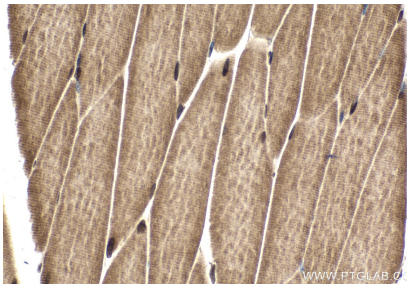
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC1738 (MTF1 IHC Kit).



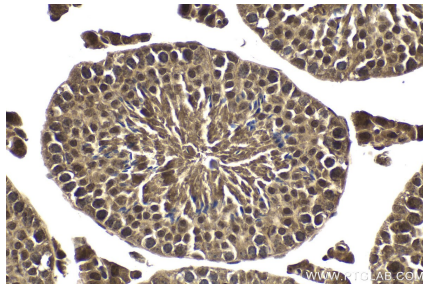
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1738 (MTF1 IHC Kit).



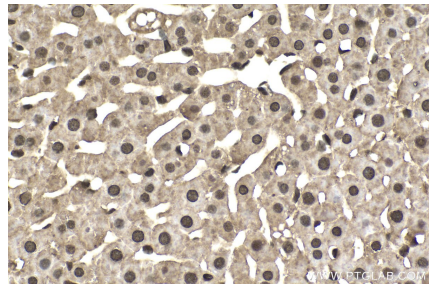
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1738 (MTF1 IHC Kit).



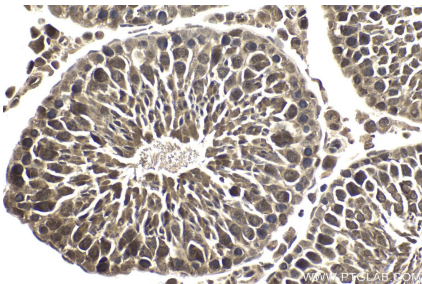
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC1738 (MTF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1738 (MTF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC1738 (MTF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1738 (MTF1 IHC Kit).