

# MT1A Polyclonal antibody

Catalog Number: 27115-1-AP

## Basic Information

**Catalog Number:**

27115-1-AP

**Size:**

700 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG25747

**GenBank Accession Number:**

BC029475

**GeneID (NCBI):**

4489

**UNIPROT ID:**

P04731

**Full Name:**

metallothionein 1A

**Calculated MW:**

61 aa, 6 kDa

**Observed MW:**

6 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

IF/ICC, IHC, ELISA

**Species Specificity:**

human

**Note-IHC:** suggested antigen retrieval with **TE buffer pH 9.0; (\*)** Alternatively, antigen retrieval may be performed with **citrate buffer pH 6.0**

**Positive Controls:**

**IHC :** human kidney tissue, human liver tissue

**IF/ICC :** HeLa cells,

## Background Information

### Storage

**Storage:**

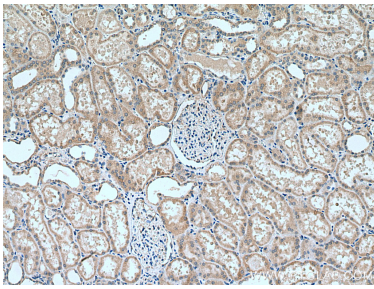
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

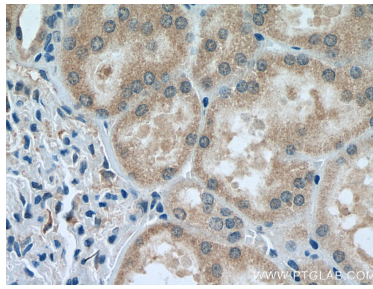
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

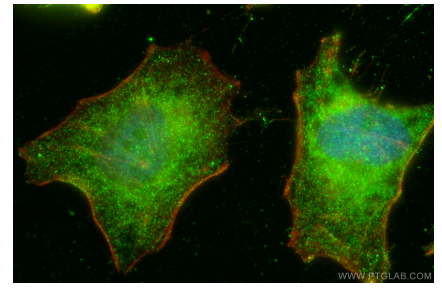
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27115-1-AP (MT1A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27115-1-AP (MT1A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MT1A antibody (27115-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).