

**Product Name: USP10 Rabbit Monoclonal antibody****Catalog #: AMRe02747**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	0.22mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 87 kDa; Observed MW: 110 kDa

**Antigen Information**

<b>Gene Name</b>	USP10
<b>Alternative Names</b>	Deubiquitinating enzyme 10; UBPO; USP10
<b>Gene ID</b>	9100
<b>SwissProt ID</b>	Q14694
<b>Immunogen</b>	A synthetic peptide of human USP10

**Background**

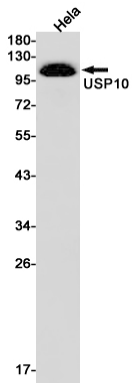
Hydrolase that can remove conjugated ubiquitin from target proteins such as p53/TP53, SNX3 and CFTR. Acts as an essential regulator of p53/TP53 stability: in unstressed cells, specifically deubiquitinates p53/TP53 in the cytoplasm, leading to

counteract MDM2 action and stabilize p53/TP53.

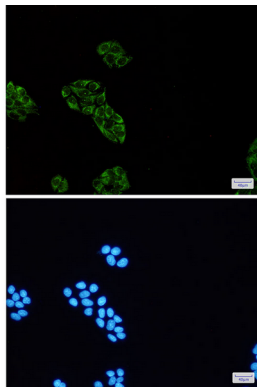
## Research Area

Cell Biology

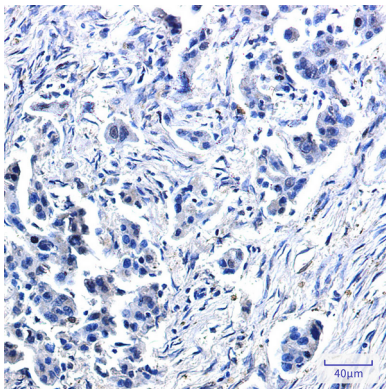
## Image Data



Western blot analysis of USP10 in HeLa lysates using USP10 antibody.



Immunocytochemistry analysis of USP10(green) in HeLa using USP10 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using USP10 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.