

---

**Product Name: DUT Rabbit Monoclonal Antibody****Catalog #: AMRe84111**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.39mg/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>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,ICC 1:50-1:200,FC 1:20-1:100
<b>Molecular Weight</b>	Calculated MW: 27 kDa ; Observed MW: 18 kDa

**Antigen Information**

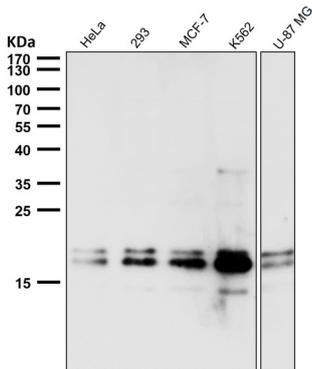
<b>Gene Name</b>	DUT
<b>Alternative Names</b>	dut; dUTP nucleotidohydrolase; dUTP pyrophosphatase; dUTPase;;DUT
<b>Gene ID</b>	
<b>SwissProt ID</b>	P33316
<b>Immunogen</b>	A synthesized peptide derived from human DUT

**Background**

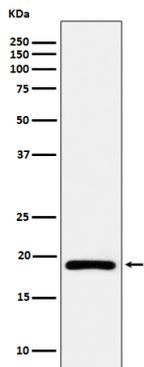
This enzyme is involved in nucleotide metabolism: it produces dUMP, the immediate precursor of thymidine nucleotides and it decreases the intracellular concentration of dUTP so that uracil cannot be incorporated into DNA.

## Research Area

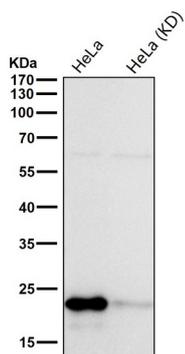
## Image Data



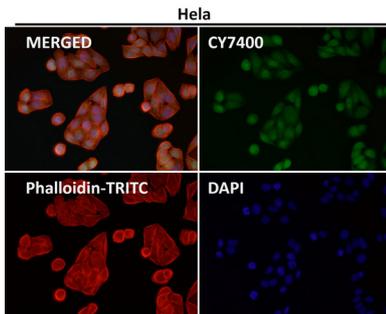
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



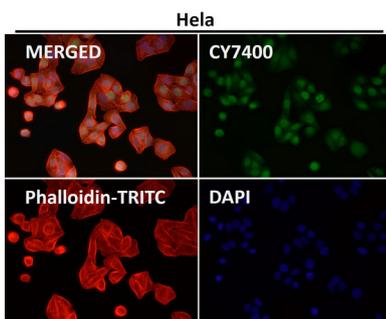
Western blot analysis of DUT expression in Ramos cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:150 dilution.