

DUT Rabbit mAb

Catalog No: #57151

Package Size: #57151-1 50ul #57151-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

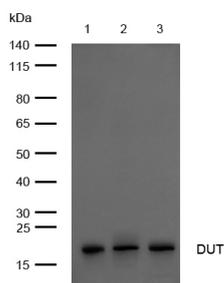
Description

Product Name	DUT Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human
Specificity	DUT Antibody detects endogenous levels of total DUT
Immunogen Description	A synthesized peptide derived from human DUT
Conjugates	Unconjugated
Other Names	dut; dUTP nucleotidohydrolase; dUTP pyrophosphatase; dUTPase;
Accession No.	P33316
Calculated MW	27kDa
SDS-PAGE MW	18kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50

Images



All lanes: DUT Rabbit mAb at 1/1k dilution

Lane 1 : 293 whole cell lysates Lane 2 : MCF-7 whole cell lysates Lane 3 : K562 whole cell lysates
Lysates/proteins at 20 µg per lane.

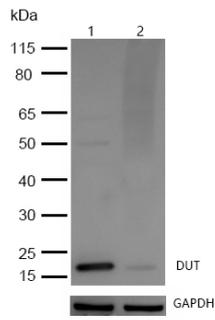
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 27 kDa

Observed band size: 18 kDa

Exposure time: 9 seconds

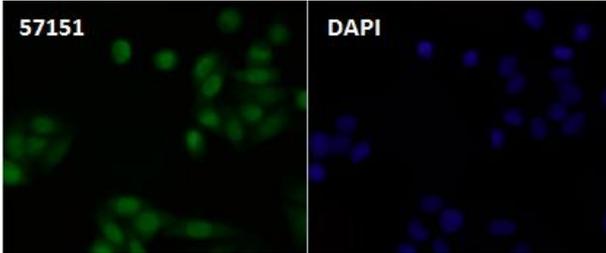


All lanes: DUT Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : DUT knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Immunocytochemistry/ Immunofluorescence DUT antibody (57151) ICC/IF staining of DUT in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 57151 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.