
Product Name: DNM1L Mouse Monoclonal Antibody**Catalog #: AMM81278**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	81.9kDa

Antigen Information

Gene Name	DNM1L
Alternative Names	DLP1; DRP1; DVLP; EMPF; VPS1; DYMPLE; HDYNIV; DYNIV-11
Gene ID	10059.0
SwissProt ID	O00429
Immunogen	Purified recombinant fragment of human DNM1L (AA: 69-213) expressed in E. Coli.

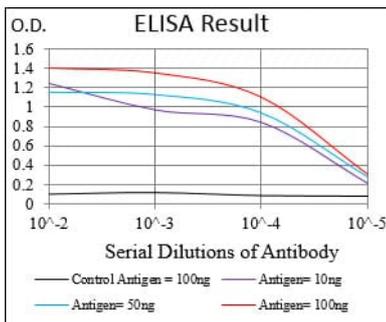
Background

The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the *S. cerevisiae* proteins Dnm1 and Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in

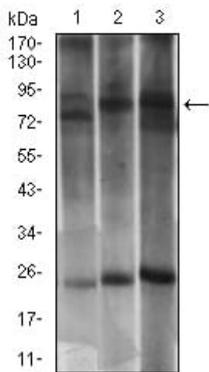
distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated.

Research Area

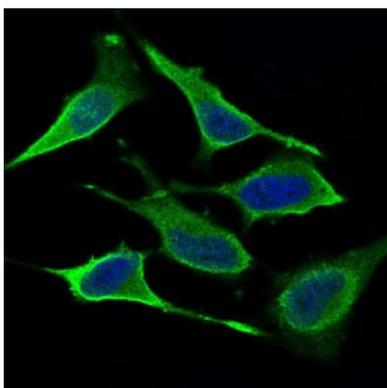
Image Data



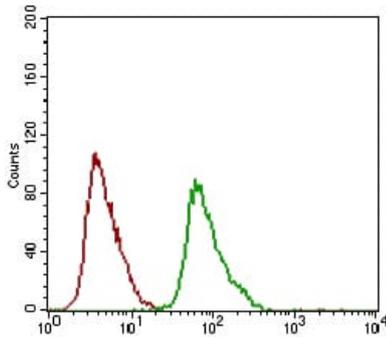
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using DNM1L mouse mAb against PC-12 (1), LNCAP (2) and NIH/3T3 (3) cell lysate.



Immunofluorescence analysis of HeLa cells using DNM1L mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HEK293 cells using DNM1L mouse mAb (green) and negative control (red).