

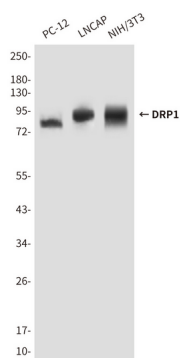


<b>Product name:</b>	DRP1 Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN03709
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Applications:</b>	WB 1:500-1:1000,ICC/IF 1:50-1:200,FC 1:50-1:100
<b>Molecular Weight:</b>	Calculated MW: 82 kDa; Observed MW: 82 kDa
<b>Purification:</b>	Ascitic Fluid
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Storage:</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Synonyms:</b>	DNM1L; DLP1; DRP1; Dynamin-1-like protein; Dnm1p/Vps1p-like protein; DVLP; Dynamin family member proline-rich carboxyl-terminal domain less; Dymple; Dynamin-like protein; Dynamin-like protein 4; Dynamin-like protein IV; HdynIV; Dynamin-rela
<b>Source:</b>	Mouse
<b>Background:</b>	The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the <i>S. cerevisiae</i> 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.

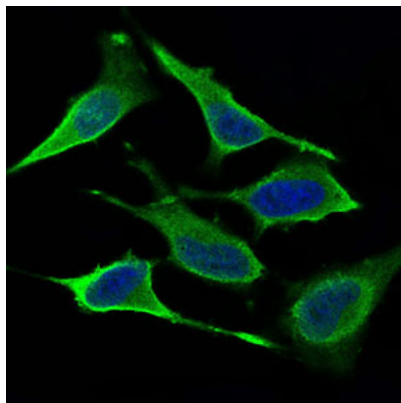
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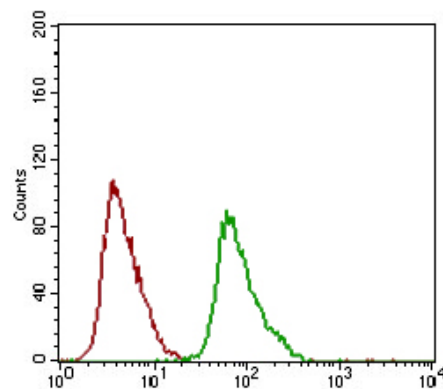
Web-site: <https://immunologicalsciences.com> - E-mail: [info@immunologicalsciences.com](mailto:info@immunologicalsciences.com)



Western blot analysis of DRP1 in PC-12, LNCAP and NIH/3T3 lysates using DRP1 antibody.



Immunofluorescence analysis of DRP1 in HeLa cells using DRP1 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometry analysis of HEK293 cells using DNM1L antibody (green) and negative control (red).