

## Mouse Monoclonal Antibody to DNM1L

<b>Catalogue Number</b>	sAP-0863
<b>Target Molecule</b>	<p><b>Name:</b> DNM1L</p> <p><b>Aliases:</b> DLP1; DRP1; DVLP; EMPF; VPS1; DYMPLE; HDYNIV; DYNIV-11</p> <p><b>MW:</b> 81.9kDa</p> <p><b>Entrez Gene ID:</b> 10059</p>
<b>Description</b>	<p>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. ; ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human DNM1L (AA: 69-213) expressed in <i>E. Coli</i> .
<b>Reactive Species</b>	Human; Mouse; Rat;
<b>Clone</b>	MM4A4C7;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. PLoS One. 2012;7(9):e45319. ; 2. Circ Res. 2012 May 25;110(11):1484-97. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**