

Mouse Monoclonal Antibody to DNM1L

Catalogue Number	sAP-0863
Target Molecule	Name: DNM1L Aliases: DLP1; DRP1; DVLP; EMPF; VPS1; DYMPLE; HDYNIV; DYNIV-11 MW: 81.9kDa Entrez Gene ID: 10059
Description	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. ; ;
Immunogen	Purified recombinant fragment of human DNM1L (AA: 69-213) expressed in E. Coli.
Reactive Species	Human; Mouse; Rat;
Clone	MM4A4C7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**