

Cat. No:	MABN03709
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml
Host:	Mouse
Isotype:	IgG1
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,ICC/IF 1:50-1:200,FC 1:50-1:100
Molecular Weight:	Calculated MW: 82 kDa; Observed MW: 82 kDa
Purification:	Ascitic Fluid
Synonyms:	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
Background:	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.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

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