



# DRP1 Mouse mAb

<b>Catalog No</b>	YP-Ab-17808
<b>Isotype</b>	IgG1
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB,ICC/IF,FC
<b>Gene Name</b>	DNM1L
<b>Alternative Names</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>Research Field</b>	Neuroscience
<b>Product Categories</b>	Primary antibody
<b>Host</b>	Mouse
<b>Molecular Weight</b>	Calculated MW: 82 kDa; Observed MW: 82 kDa
<b>Clonality</b>	Monoclonal Antibody
<b>Clonality No.</b>	10D2
<b>Dilution</b>	WB: 1/500-1/1000 IF: 1/50-1/200 FC: 1/50-1/100
<b>Immunogen</b>	Purified recombinant fragment of human DN11L expressed in E. Coli.
<b>Purification</b>	Ascitic Fluid
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Form</b>	Liquid
<b>Buffer System</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<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.

#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images

