

---

**Product Name: FDPS Mouse Monoclonal Antibody****Catalog #: AMM86092**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:4000
<b>Molecular Weight</b>	48.3kDa

**Antigen Information**

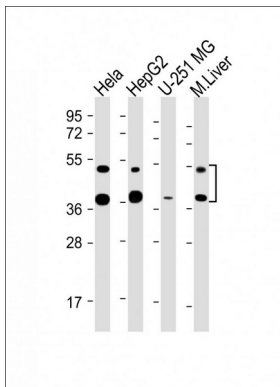
<b>Gene Name</b>	FDPS Farnesyl pyrophosphate synthase, FPP synthase, FPS, 2.5.1.10, (2E,6E)-farnesyl diphosphate
<b>Alternative Names</b>	synthase, Dimethylallyltranstransferase, 2.5.1.1, Farnesyl diphosphate synthase, Geranyltranstransferase, FDPS, FPS, KIAA1293
<b>Gene ID</b>	2224.0
<b>SwissProt ID</b>	P14324
<b>Immunogen</b>	This FDPS antibody is generated from a mouse immunized with a recombinant protein of human FDPS.

**Background**

Key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), a precursor for several classes of essential metabolites including sterols, dolichols, carotenoids, and ubiquinones. FPP also serves as substrate for protein farnesylation and geranylgeranylation. Catalyzes the sequential condensation of isopentenyl pyrophosphate with the allylic pyrophosphates, dimethylallyl pyrophosphate, and then with the resultant geranylpyrophosphate to the ultimate product farnesyl pyrophosphate.

## Research Area

## Image Data



All lanes : Anti-FDPS Antibody (Center) at 1:2000-1:4000 dilution