



FDPS Mouse mAb

Catalog No	YP-mAb-18923
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FDPS FPS KIAA1293
Immunogen	Synthesized peptide derived from human FDPS
Specificity	This antibody detects endogenous levels of FDPS at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	(2E;6E) farnesyl diphosphate synthase;6E)-farnesyl diphosphate synthase; Dimethylallyltranstransferase;Farnesyl diphosphate synthase;Farnesyl diphosphate synthetase;Farnesyl pyrophosphate synthase;Farnesyl pyrophosphate synthetase;Fdps;FPP synthase;FPP synthetase;FPPS; FPPS_HUMAN;FPS;Geranyltranstransferase;FDPS FPS KIAA1293;Farnesyl pyrophosphate synthase (FPP synthase) (FPS) ((2E;6E)-farnesyl diphosphate synthase) (Dimethylallyltranstransferase) (Farnesyl diphosphate synthase) (Geranyltranstransferase)
Observed Band	
Calculated Molecular Weight	48 kDa; 48kD(Calculated).
Cell Pathway	Cytoplasm.
Tissue Specificity	
Function	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.

Background

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