

Datasheet for ABIN6242923

anti-FDPS antibody**1** Image[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	FDPS
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FDPS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FDPS antibody is generated from a mouse immunized with a recombinant protein of human FDPS.
Clone:	1049CT13-1-4
Isotype:	IgG2b kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	FDPS
Alternative Name:	FDPS (FDPS Products)
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

Target Details

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.

Molecular Weight: 48275

UniProt: [P14324](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: WB: 1:2000-1:4000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

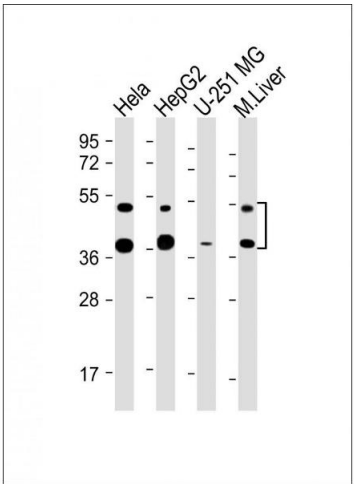
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

Images



Western Blotting

Image 1. All lanes : Anti-FDPS Antibody (Center) at 1:2000-1:4000 dilution Lane 1: HeLa whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: U-251 MG whole cell lysate Lane 4: Mouse Liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40, 48 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.