

Nur für Forschungszwecke

# FDPS Monoklonaler Antikörper

Katalog-Nr.:CL488-67972



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-67972	<b>GenBank-Zugangsnummer:</b> BC010004	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von2224 Nanodrop;	<b>GeneID (NCBI):</b> 22224	<b>CloneNo.:</b> 3B8A7
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltransferase, geranyltransferase)	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:8000
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 419 aa, 48 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG9247	<b>Beobachtete Masse:</b> 38-39 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), WB	<b>Positivkontrollen:</b> WB : HeLa-Zellen, Jurkat-Zellen
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

FPPS (also known as FDPS) is a 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. The expression of FPPS was elevated in prostate tumor cell lines, indicating its potential role in prostate cancer progression.

## Lagerung

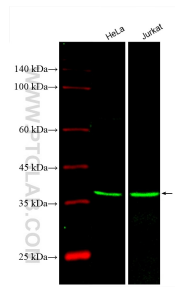
**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

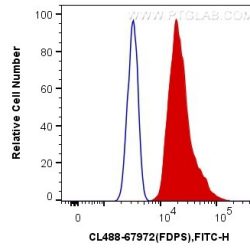
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with CL488-67972 (FDPS antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.4  $\mu$ g CoraLite® Plus 488 Anti-Human FDPS (CL488-67972, Clone:3B8A7) (red), or 0.4  $\mu$ g Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).