

For Research Use Only

CoraLite® Plus 488-conjugated DHPS Monoclonal antibody



Catalog Number: **CL488-67998**

Basic Information

Catalog Number: CL488-67998	GenBank Accession Number: BC014016	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1725	CloneNo.: 1E4F5
Source: Mouse	UNIPROT ID: P49366	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Full Name: deoxyhypusine synthase	
Immunogen Catalog Number: AG31046	Calculated MW: 41 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

DHPS(Deoxyhypusine synthase) catalyzes the conversion of lysine to deoxyhypusine residue on the eukaryotic initiation factor 5A (eIF-5A) precursor using spermidine as the substrate. It belongs to the deoxyhypusine synthase family. This protein has 3 isoforms produced by alternative splicing.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

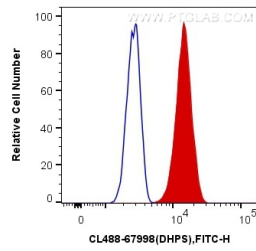
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DHPS (CL488-67998, Clone:1E4F5) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).