

For Research Use Only

CoraLite® Plus 488-conjugated HELLS Polyclonal antibody

Catalog Number:CL488-11955



Basic Information

Catalog Number:

CL488-11955

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2558

GenBank Accession Number:

BC031004

GeneID (NCBI):

3070

UNIPROT ID:

Q9NRZ9

Full Name:

helicase, lymphoid-specific

Calculated MW:

348 aa, 40 kDa, 97 kDa

Observed MW:

97 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Lymphoid-specific helicase(HELLS) is a member of the SNF2 family of chromatin remodeling proteins that is required for development and survival. It's required for de novo or maintenance DNA methylation, which mediated the silencing of the imprinted CDKN1C gene. Also it involved in formation and organization of heterochromatin that regulate transcription and mitosis.

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:

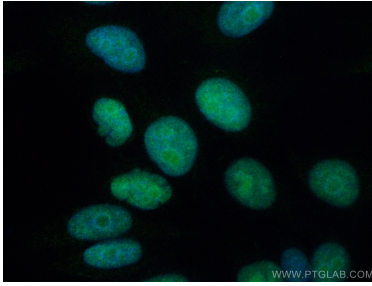
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

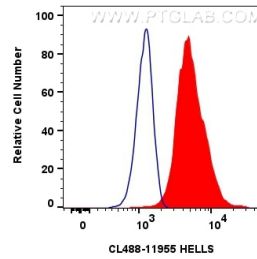
W: ptglab.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 HELLS antibody (CL488-11955) at dilution of 1:200.



1x10⁶ HepG2 cells were intracellularly stained with 0.8 ug Coralite® Plus 488 HELLS Polyclonal Antibody (CL488-11955)(red), or 0.8 ug Coralite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).