

For Research Use Only

# CoraLite® Plus 647-conjugated DNAJB1 Polyclonal antibody



Catalog Number: CL647-13174

Featured Product

## Basic Information

Catalog Number:

CL647-13174

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3830

GenBank Accession Number:

BC019827

GeneID (NCBI):

3337

UNIPROT ID:

P25685

Full Name:

DnaJ (Hsp40) homolog, subfamily B, member 1

Calculated MW:

340 aa, 40 kDa

Observed MW:

37-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

DNAJB1 is a member of the heat shock 40 protein family and has been involved in a variety of cellular processes, including the proteasome pathway, endoplasmic reticulum stress and viral infection. DNAJB1-PRKACA gene fusions have been considered diagnostic for fibrolamellar hepatocellular carcinoma.

## 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:

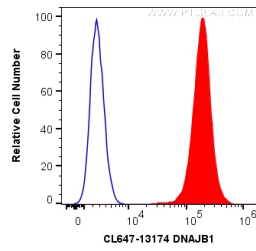
T: 4006900926

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W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human DNAJB1 (CL647-13174) (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 647 DNAJB1 antibody (CL647-13174) at dilution of 1:200.