

For Research Use Only

# CoraLite® Plus 488-conjugated DNAJB1 Recombinant antibody



Catalog Number: CL488-82676

## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>CL488-82676                             | <b>GenBank Accession Number:</b><br>BC019827                        | <b>Purification Method:</b><br>Protein A purification                 |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>3337                                       | <b>CloneNo.:</b><br>4K3   |
| <b>Source:</b><br>Rabbit  | <b>Full Name:</b><br>DnaJ (Hsp40) homolog, subfamily B,<br>member 1 | <b>Excitation/Emission maxima<br/>wavelengths:</b><br>493 nm / 522 nm |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>340 aa, 40 kDa                             |   |
| <b>Immunogen Catalog Number:</b><br>AG3830                        | <b>Observed MW:</b><br>37-40 kDa                                    |   |

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, mouse, rat

## 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

\*\*\* 20ul sizes contain 0.1% BSA

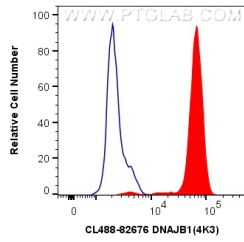
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human DNAJB1 (CL488-82676, Clone:4K3) (red), or 0.8 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).