

For Research Use Only

CoraLite® Plus 488-conjugated DNAJB1 Recombinant antibody



Catalog Number: CL488-82676

Basic Information

Catalog Number: CL488-82676	GenBank Accession Number: BC019827	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3337	CloneNo.: 4K3
Source: Rabbit	UNIPROT ID: P25685	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: DnaJ (Hsp40) homolog, subfamily B, member 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG3830	Calculated MW: 340 aa, 40 kDa	
	Observed MW: 37-40 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : HeLa cells,
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

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

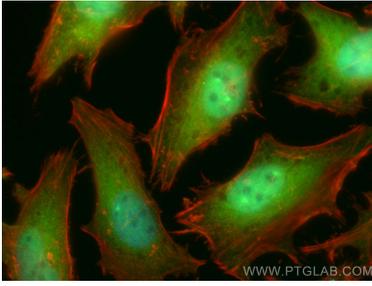
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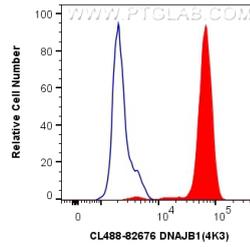
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 DNAJB1 antibody (CL488-82676, Clone: 4K3) at dilution of 1:200, CL594-phalloidin (red).



1X10⁶ 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).