

For Research Use Only

# NDUFB8 Recombinant antibody

Catalog Number:83216-4-RR



## Basic Information

<b>Catalog Number:</b> 83216-4-RR	<b>GenBank Accession Number:</b> BC000466	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4714	<b>CloneNo.:</b> 230510H1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95169	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 19kDa	<b>IF/ICC 1:125-1:500</b>
<b>Immunogen Catalog Number:</b> AG6495	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 19-22 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, FC (Intra), ELISA

**Species Specificity:**  
human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** HepG2 cells, A549 cells, HeLa cells, Jurkat cells, mouse liver tissue, mouse brain tissue, rat brain tissue

**IHC :** human intrahepatic cholangiocarcinoma tissue,

**IF/ICC :** HepG2 cells,

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

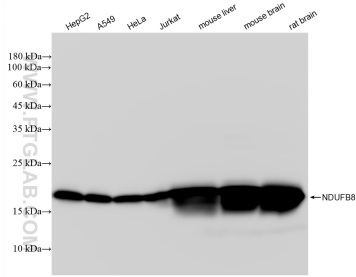
For technical support and original validation data for this product please contact:

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

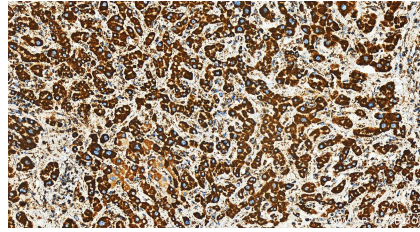
E: proteintech@ptglab.com  
W: ptglab.com

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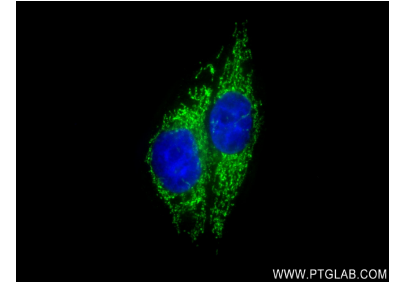
## Selected Validation Data



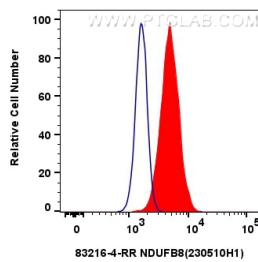
Various lysates were subjected to SDS PAGE followed by western blot with 83216-4-RR (NDUFB8 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83216-4-RR (NDUFB8 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NDUFB8 antibody (83216-4-RR, Clone: 230510H1) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.25 ug NDUFB8 Recombinant antibody (83216-4-RR, Clone:230510H1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).