

For Research Use Only

NDUFB8 Recombinant antibody

Catalog Number: 83216-4-RR



Basic Information

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

Applications

Tested Applications: WB, IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HepG2 cells, A549 cells, HeLa cells, Jurkat cells, mouse liver tissue, mouse brain tissue, rat brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human intrahepatic cholangiocarcinoma tissue, IF/ICC : HepG2 cells,

Background Information

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

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

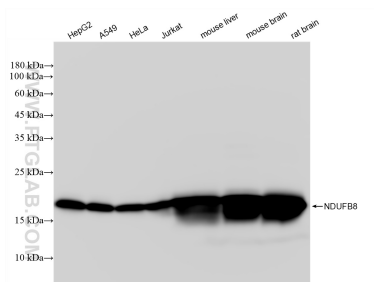
T: 4006900926

E: Proteintech-CN@ptglab.com

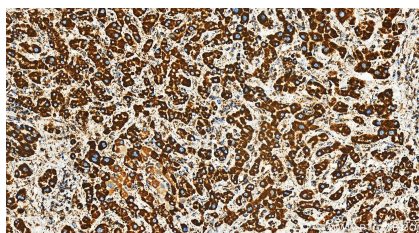
W: ptgcn.com

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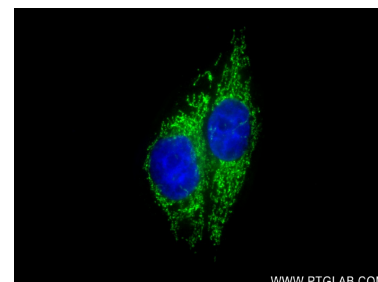
Selected Validation Data



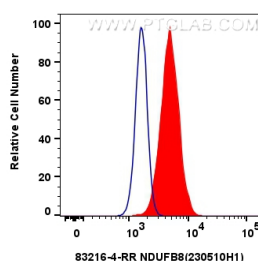
Various lysates were subjected to SDS PAGE followed by western blot with 83216-4-RR (NDUFB8 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



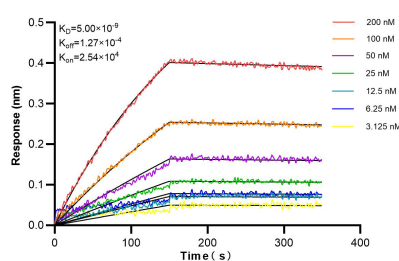
Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83216-4-RR (NDUFB8 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1x10⁶ HeLa cells were intracellularly stained with 0.25 µg 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 µg Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83216-4-RR against Human NDUFB8 were performed. The affinity constant is 5.00 nM.