

## Anti-NDUFB8 Antibody (3W868)

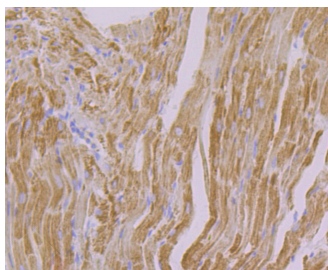
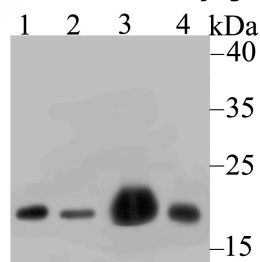
### Product Details

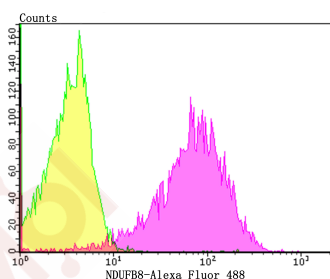
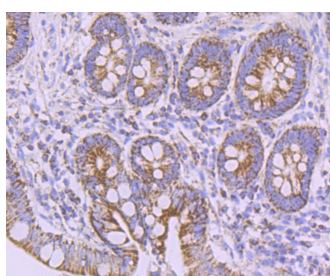
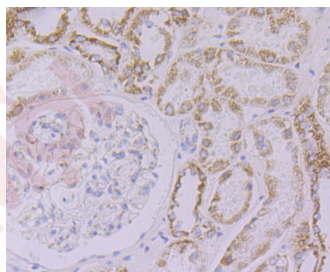
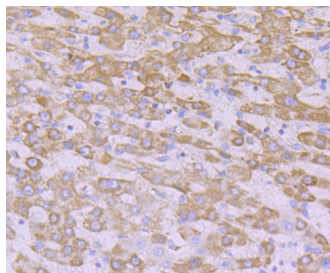
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 17 kDa.
Clone:	3W868
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Western blot analysis of NDUFB8 on different lysates using anti-NDUFB8 antibody at 1/1,000 dilution. Positive control: Lane 1: 293, Lane 2: A549, Lane 3: Mouse heart, Lane 4: Rat spleen.
2. Immunohistochemical analysis of paraffin-embedded rat heart tissue using anti-NDUFB8 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-NDUFB8 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-NDUFB8 antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-NDUFB8 antibody. Counter stained with hematoxylin.
6. Flow cytometric analysis of 293Tcells with NDUFB8 antibody at 1/100 dilution (yellow) compared with an unlabelled control (cells without incubation with primary antibody; purple). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.





Application: FCM, ICC, IF, IHC, IP, WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: 1:50; IP: 1:10-50; FCM: 1:50-100; IF: 1:50-200

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: human NDUFB8 aa 30-130

Antigen Species: Human

Uniprot ID: O95169

Synonyms: CI-ASH1; NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8 19kDa; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8 mitochondrial; NADH-ubiquinone oxidoreductase ASH1 subunit; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8; NDUFB 8; Complex I-ASH1; Complex I ASH1 subunit; ASH1; NDUB8\_HUMAN; mitochondrial

Research Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

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