

IHCeasy[®] ND2 Ready-To-Use IHC Kit

Catalog Number: **KHC3163**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

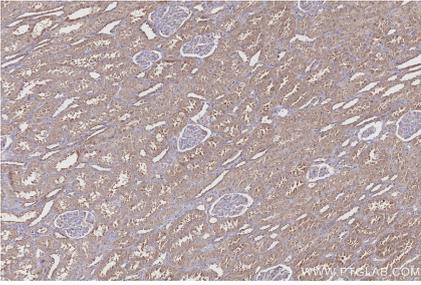
Background

ND2, also named as MTND2, NADH2 and ND2, belongs to the complex I subunit 2 family. ND2 is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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.

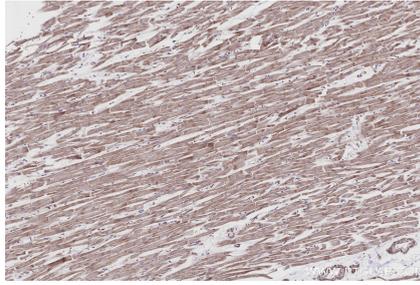
Synonyms

MT-ND2, MT ND2, MTND2, NADH dehydrogenase subunit 2, NADH2

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC3163 (ND2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using KHC3163 (ND2 IHC Kit).