

IHC*easy* PDI/P4HB Ready-To-Use IHC Kit

Catalog Number: **KHC0516**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Mouse Monoclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

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.

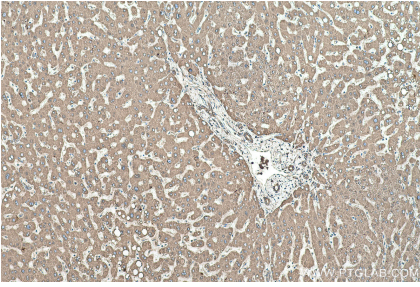
Background

PDI (Protein disulfide-isomerase) is also named as ERBA2L, PDIA1, P4HB, PO4DB. It is a multifunctional protein that catalyzes the formation, breakage and rearrangement of disulfide bonds. In some cell types, it seems to be secreted or associated with the plasma membrane, where it undergoes constant shedding and replacement from intracellular sources. It can exist as homodimer and monomers and homotetramers may also occur.

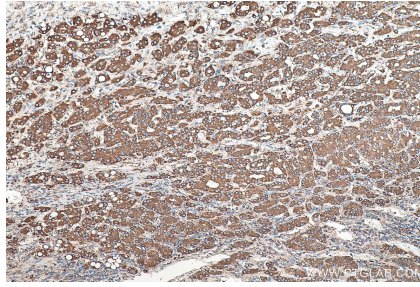
Synonyms

Cell and organelle markers, DSI, endoplasmic reticulum marker, ERBA2L, GIT, P4HB, P4Hbeta, p55, PDI, PDIA1, PHDB, PO4DB, PO4HB, PROHB, Protein disulfide isomerase

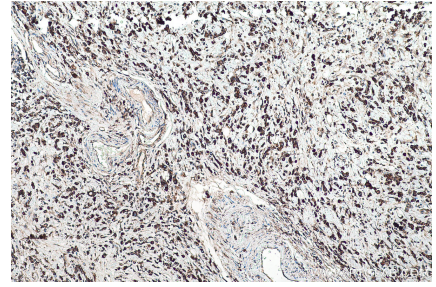
Selected Validation Data



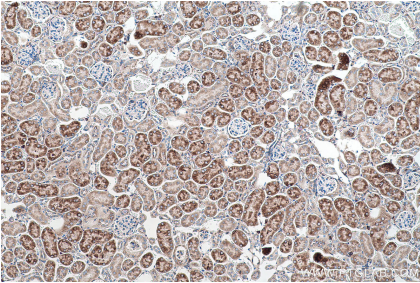
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0516 (PDI/P4HB IHC Kit).



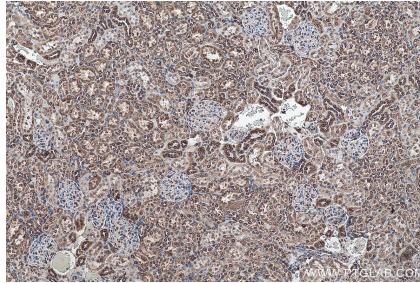
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0516 (PDI/P4HB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0516 (PDI/P4HB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0516 (PDI/P4HB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0516 (PDI/P4HB IHC Kit).