

IHC*easy* HSD17B4 Ready-To-Use IHC Kit

Catalog Number: **KHC0573**

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.

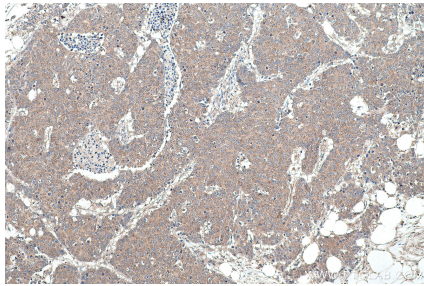
Background

HSD17B4 (17-beta-hydroxysteroid dehydrogenase 4) is also named as Peroxisomal multifunctional enzyme type 2, D-bifunctional protein or multifunctional protein 2. It containing three distinct functional domains and is localized in peroxisomes. It is a bifunctional enzyme acting on the peroxisomal beta-oxidation pathway for fatty acids and catalyzing the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. After peroxisomal import, the full-length protein is proteolytically cleaved to yield a dehydrogenase subunit and a hydratase subunit containing the hydratase and SCP domains.

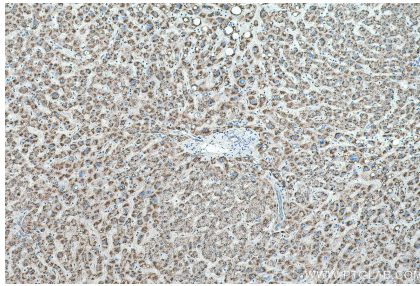
Synonyms

17 beta HSD 4, D bifunctional protein, DBP, EDH17B4, HSD17B4, MFE 2, MPF2, Multifunctional protein 2, SDR8C1

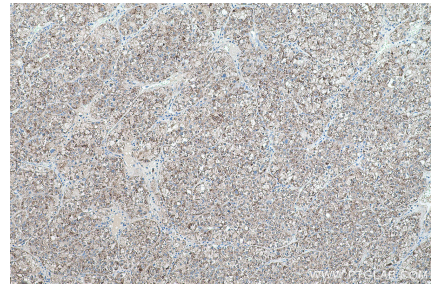
Selected Validation Data



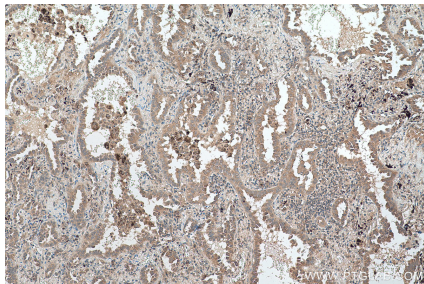
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0573 (HSD17B4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0573 (HSD17B4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0573 (HSD17B4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0573 (HSD17B4 IHC Kit).