

# IHC*easy* ETFA Ready-To-Use IHC Kit

Catalog Number: **KHC0544**

## 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.

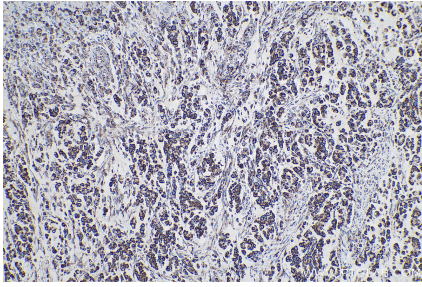
## Background

The electron transfer flavoprotein(ETF), located in the mitochondrial matrix, is a nuclear-encoded enzyme delivering to the respiratory chain by straight-chain acyl-CoA dehydrogenases and other dehydrogenases. Mitochondrial fatty acids oxidation and amino acids metabolism are affected in MADD(Multiple acyl-CoA dehydrogenase deficiency). These disorders are linked to a dysfunction of ETF. ETF is a mitochondrial matrix protein consisting of alpha- and beta- subunits encoded by the ETFA and ETFB genes, respectively.

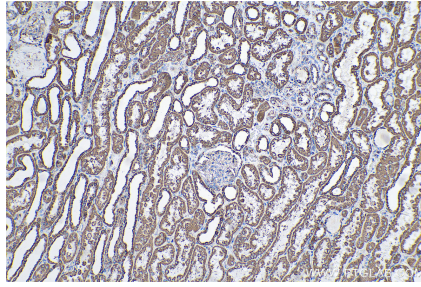
## Synonyms

Alpha ETF, EMA, ETFA, GA2, MADD

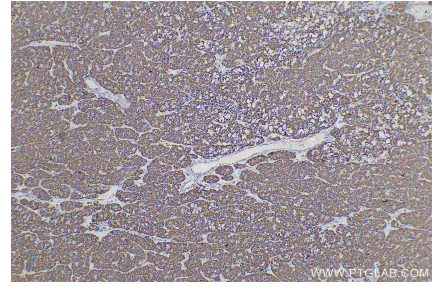
## Selected Validation Data



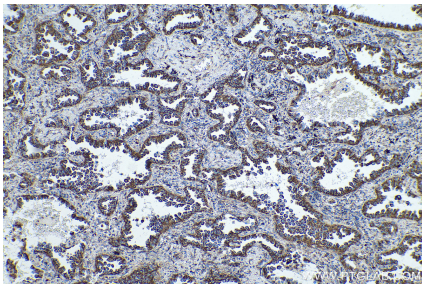
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0544 (ETFA IHC Kit).



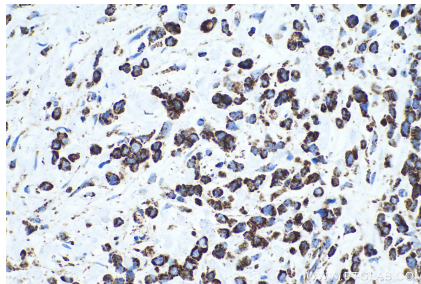
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0544 (ETFA IHC Kit).



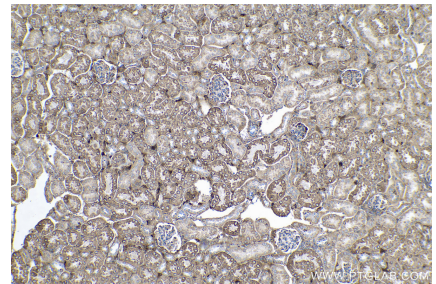
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0544 (ETFA IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0544 (ETFA IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0544 (ETFA IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0544 (ETFA IHC Kit).