

# IHCeasy<sup>®</sup> ETFB Ready-To-Use IHC Kit

Catalog Number: **KHC3207**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse, Rat

**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.

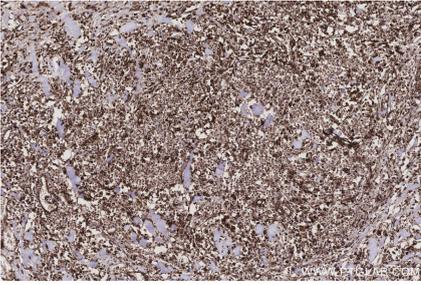
## Background

Electron transfer flavoprotein (ETF) exists in the mitochondrial matrix as a heterodimer of 30 kDa alpha subunits (ETFA) and 28 kDa beta subunits (ETFB) and contains 1 flavin adenine dinucleotide (FAD) and 1 adenosine 5-prime monophosphate (AMP) per heterodimer. It serves as a specific electron acceptor for several dehydrogenases, including five acyl-CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase. Defects in ETFB are the cause of glutaric aciduria type 2B (GA2B).

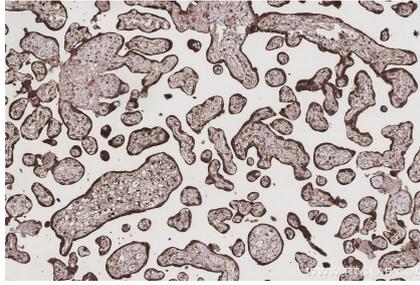
## Synonyms

Beta-ETF, FP585, MADD

## Selected Validation Data



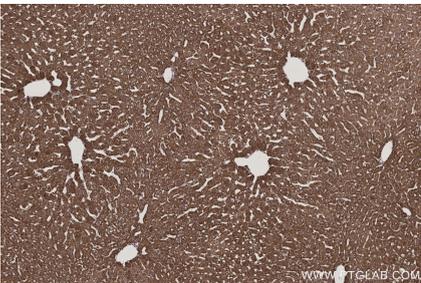
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3207 (ETFB IHC Kit).



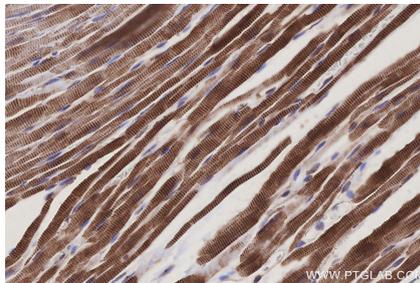
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3207 (ETFB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC3207 (ETFB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC3207 (ETFB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC3207 (ETFB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC3207 (ETFB IHC Kit).