



IHCeasy CS Ready-To-Use IHC Kit

Catalog Number: KHC0877

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

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.

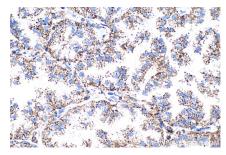
Background

Citrate synthase (CS), the first and rate-limiting enzyme of the tricarboxylic acid cycle, plays a key role in regulating energy generation of mitochondrial respiration. It belongs to the citrate synthase family. The deduced 466-amino acid protein contains an N-terminal mitochondrial targeting sequence and a motif highly conserved in citrate synthases. It can exsit as a dimer.

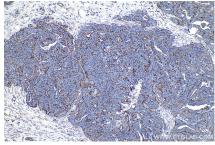
Synonyms

Citrate synthase, CS

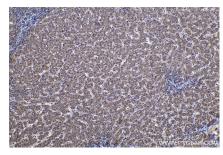
Selected Validation Data



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using KHC0877 (CS IHC Kit).



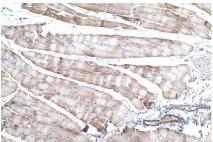
Immunohistochemical analysis of paraffinembedded human ovary tumor tissue slide using KHC0877 (CS IHC Kit).



Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using KHC0877 (CS IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse skeletal muscle tissue slide using KHC0877 (CSIHC Kit).



Immunohistochemical analysis of paraffinembedded rat skeletal muscle tissue slide using KHC0877 (CSIHC Kit).