

IHCeasy[®] ME2 Ready-To-Use IHC Kit

Catalog Number: KHC3199

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.

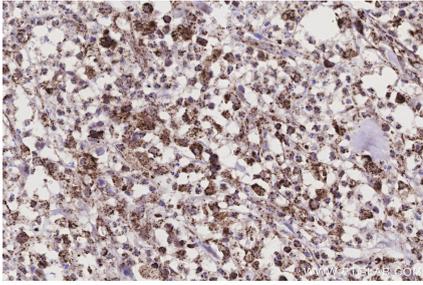
Background

ME2(malic enzyme 2) is also named as NAD-ME and belongs to the malic enzymes family. ME1, ME2 are important for NADPH production, lipogenesis and glutamine metabolism, but ME2 has a more profound effect. ME2 is a genome-coded mitochondrial enzyme that converts malate to pyruvate and is involved in neuronal synthesis of the neurotransmitter γ -aminobutyric acid (GABA).

Synonyms

EC:1.1.1.38, Malic enzyme 2, NAD-dependent malic enzyme, mitochondrial, NAD-ME

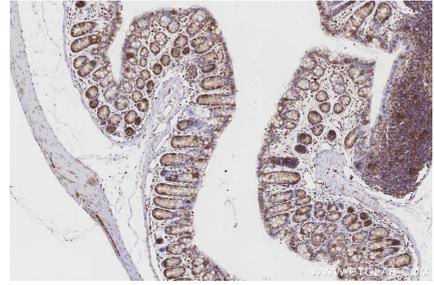
Selected Validation Data



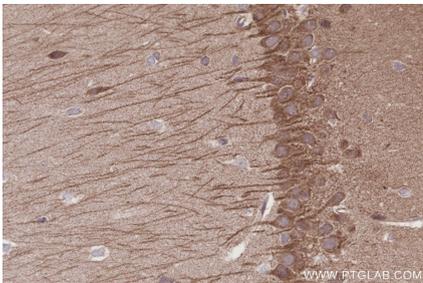
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3199 (ME2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using KHC3199 (ME2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC3199 (ME2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC3199 (ME2 IHC Kit).