

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

Catalog Number: **KHC3200**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Rat

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Rabbit Recombinant

**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.

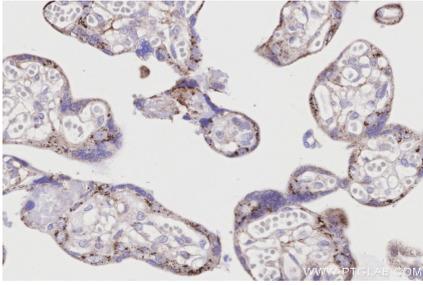
## Background

GLDC(Glycine dehydrogenase [decarboxylating], mitochondrial) is also named as GCSP and belongs to the GcvP family. It induces dramatic changes in glycolysis and glycine/serine metabolism that leads to changes in pyrimidine metabolism to regulate cancer cell proliferation.

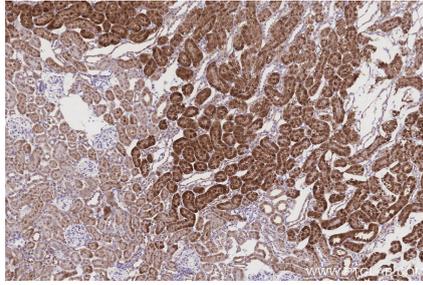
## Synonyms

aminomethyl-transferring, EC:1.4.4.2, GCE, GCSP, Glycine dehydrogenase

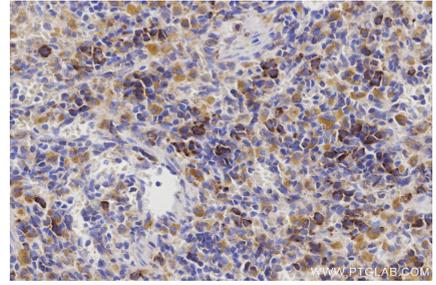
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3200 (GLDC IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3200 (GLDC IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using KHC3200 (GLDC IHC Kit).