

IHC*easy* UNG Ready-To-Use IHC Kit

Catalog Number: **KHC1170**

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.

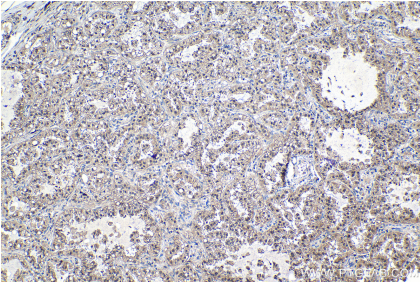
Background

UNG(Uracil-DNA glycosylase) removes uracil in DNA resulting from deamination of cytosine or replicative incorporation of dUMP instead of dTMP. Thus, UNG plays a role in suppressing GC-to-AT transition mutations. The UNG gene encodes 2 isoforms that are individually targeted to the mitochondria and the nucleus. Defects in UNG are a cause of immunodeficiency with hyper-IgM type 5 (HIGM5).

Synonyms

DGU, DKFZp781L1143, HIGM4, UDG, UNG, UNG1, UNG15, UNG2, uracil DNA glycosylase

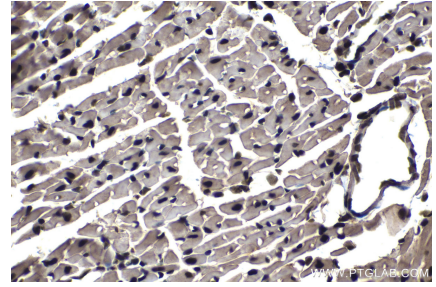
Selected Validation Data



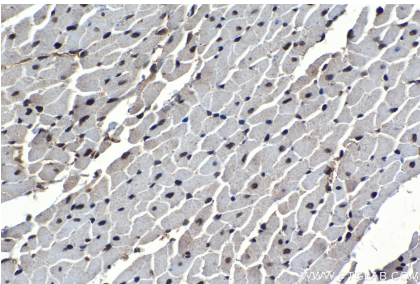
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1170 (UNG IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1170 (UNG IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1170 (UNG IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC1170 (UNG IHC Kit).