

# IHC*easy* UBE2C Ready-To-Use IHC Kit

Catalog Number: **KHC2052**

## 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

UBE2C (Ubiquitin-conjugating enzyme E2 C) is also known as UBCH10 and belongs to the ubiquitin-conjugating enzyme family. It is highly expressed in a variety of human primary tumors, and it is able to promote cell proliferation and malignant transformation. UBE2C, along with the E3 ligase of the anaphase promoting complex (APC), catalyzes the ubiquitination of mitotic cyclins A and B, as well as securin. UBE2C is essential for cell cycle progression, and mutation of its active site cysteine confers a dominant-negative phenotype.

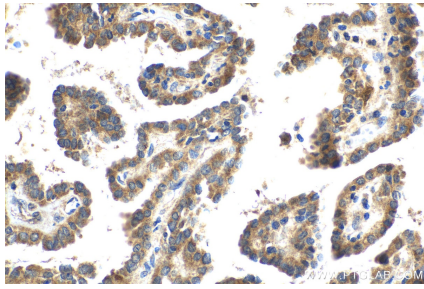
## Synonyms

Ubch10, UB E2C, EC:2.3.2.24, EC:2.3.2.23, E2 ubiquitin-conjugating enzyme C

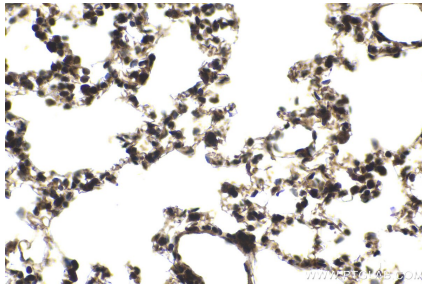
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC2052 (UBE2C IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2052 (UBE2C IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC2052 (UBE2C IHC Kit).