

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

Catalog Number: **KHC2214**

## 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	

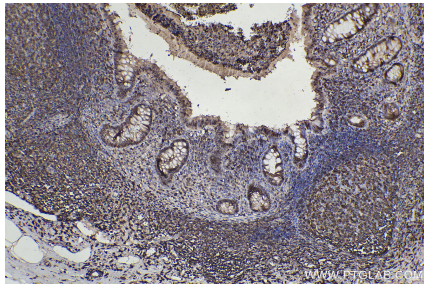
## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

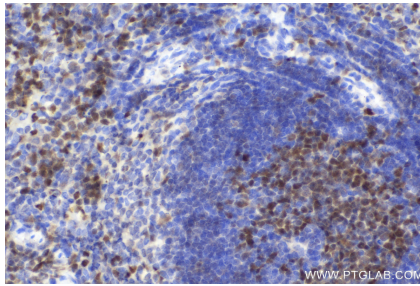
## Background

Deoxycytidine kinase (dCK) is required for the phosphorylation of several deoxyribonucleoside analogues that are widely employed as chemotherapeutic agents. It is also a key enzyme in the phosphorylation of a variety of antineoplastic and antiviral nucleoside analogs including cytosine arabinoside (araC) and dideoxycytidine (ddCyd); deficiency of deoxycytidine kinase activity mediates resistance to these drugs.

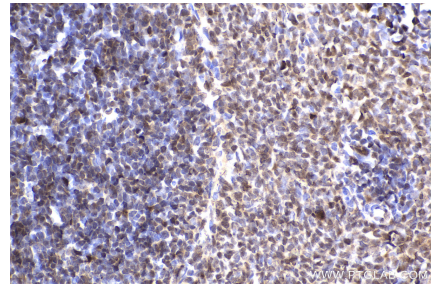
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2214 (DCK IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using KHC2214 (DCK IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using KHC2214 (DCK IHC Kit).