

# IHC*easy* CDH16 Ready-To-Use IHC Kit

Catalog Number: **KHC0214**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human, Mouse  
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.

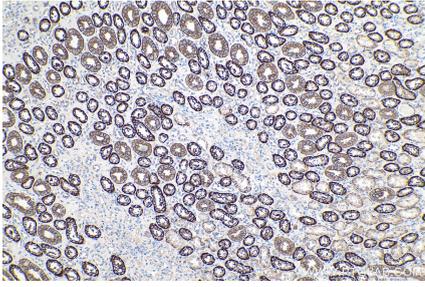
## Background

Cadherin-16 (CDH16), also known as kidney-specific cadherin (Ksp-cadherin), is a tissue-specific member of the cadherin family of adhesion molecules. It is a glycoprotein expressed by tubular epithelial cells in the kidney. Cadherin-16 expression is down-regulated in renal cell carcinoma, suggesting a role in tumor suppression.

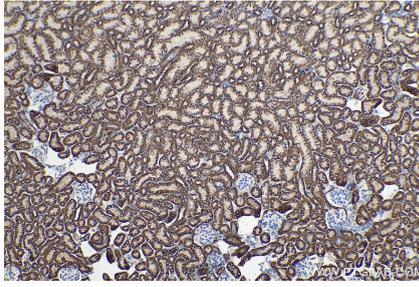
## Synonyms

cadherin 16, KSP cadherin, Cadherin-16, CDH16, Kidney specific cadherin, Ksp cadherin

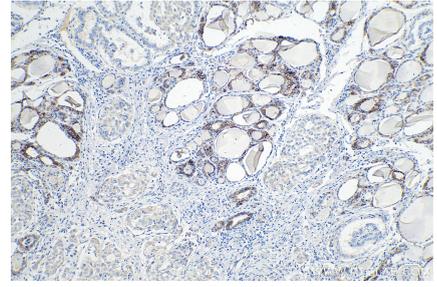
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0214 (Cadherin-16 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0214 (Cadherin-16 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC0214 (Cadherin-16 IHC Kit).