

# IHC*easy* DDR2 Ready-To-Use IHC Kit

Catalog Number: **KHC2523**

## 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.

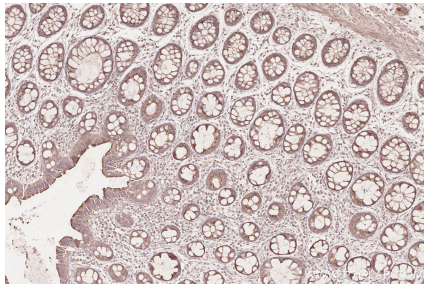
## Background

DDR2 (Discoidin domain receptor 2) belongs to the receptor tyrosine kinase (RTK) family and is activated by collagen-binding. DDR2 is implicated in several physiological and pathological processes, including wound healing, angiogenesis, ovulation, spermatogenesis, extracellular matrix (ECM) remodeling and fibrosis, and tumor progression. Moreover, DDR2 is prominently present in the fibroblasts, smooth muscle cells, myofibroblasts, and chondrocytes.

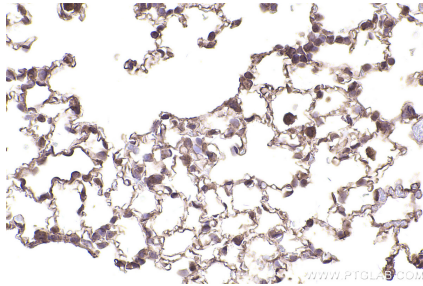
## Synonyms

DDR2, Discoidin domain receptor 2, MIG20a, NTRKR3, TKT

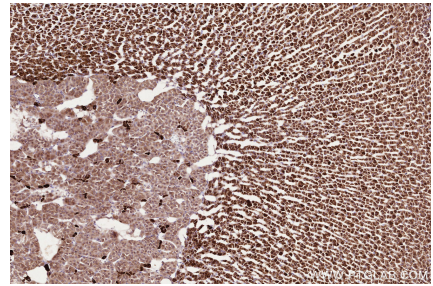
## Selected Validation Data



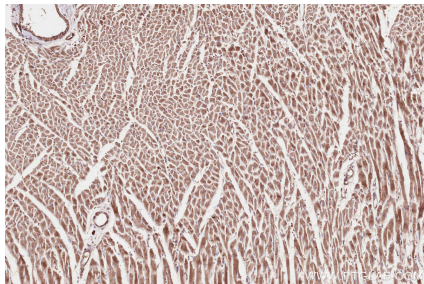
Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using KHC2523 (DDR2 IHC Kit).



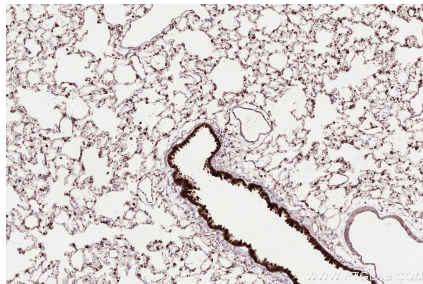
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2523 (DDR2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat adrenal gland tissue slide using KHC2523 (DDR2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC2523 (DDR2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC2523 (DDR2 IHC Kit).