

# IHC*easy* MAD2L2 Ready-To-Use IHC Kit

Catalog Number: **KHC1987**

## 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

MAD family, together with BUB and Mps1, Cdc20k, play roles in the mitotic spindle checkpoint. MAD2L2 is one of the MAD family. It can mediate the second polymerase switching in translation DNA synthesis by mediating the interaction between the error-prone DNA polymerase zeta catalytic subunit REV3L and the inserter polymerase REV1. Through regulation of the JNK-mediate phosphorylation and activation of the transcriptional activator ELK1, MAD2L2 involves in cellular response to DNA damage. Also it has role in the progression of cell cycle and peithelial-mesenchymal transdifferentiation.

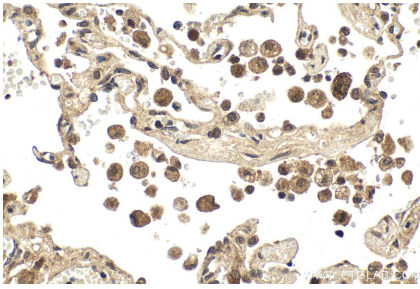
## Synonyms

hREV7, MAD2 like protein 2, MAD2B, MAD2L2, REV7, REV7 homolog

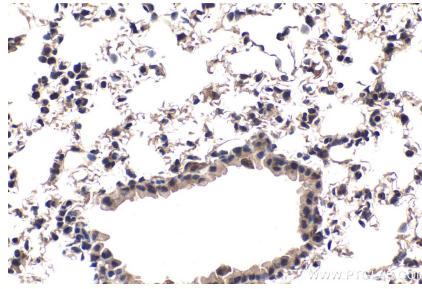
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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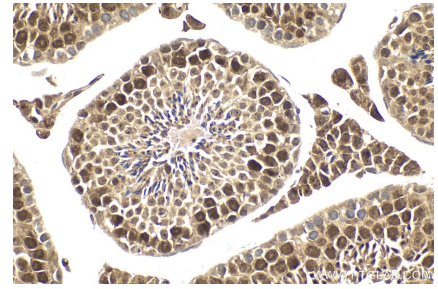
## Selected Validation Data



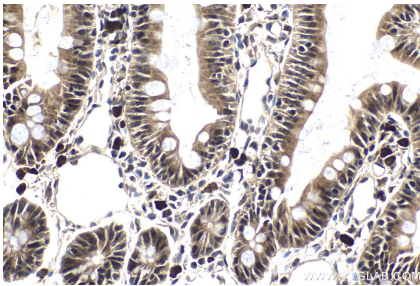
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using KHC1987 (MAD2L2 IHC Kit).



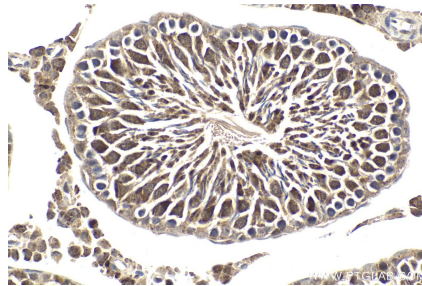
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1987 (MAD2L2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1987 (MAD2L2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1987 (MAD2L2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1987 (MAD2L2 IHC Kit).