

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

Catalog Number: **KHC1505**

## 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.

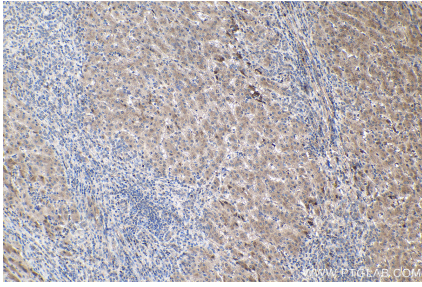
## Background

Angiogenin (ANG), an angiogenic ribonuclease, is a member of the vertebrate-specific, secreted RNASE superfamily. Angiogenin, originally identified as a tumor angiogenic factor, was related with the growth and metastasis of numerous tumors. Angiogenin has been proposed as a permissive factor for angiogenesis induced by other angiogenic factors, including vascular endothelial growth factor (VEGF), basic fibroblast growth factor, acidic fibroblast growth factor, and epidermal growth factor. Angiogenin production and secretion may be stimulated by hypoxia. Increased angiogenin serum levels have been associated with the incidence and severity of several human tumors, including HCC.

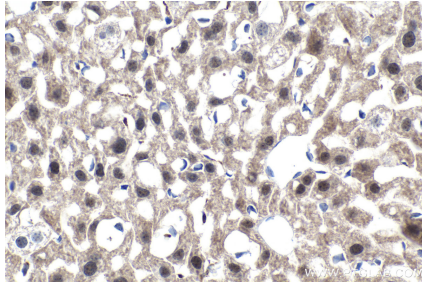
## Synonyms

ALS9, ANG, Angiogenin, HEL168, Ribonuclease 5, RNase 5, RNASE4, RNASE5

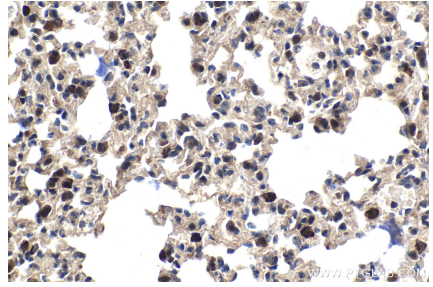
## Selected Validation Data



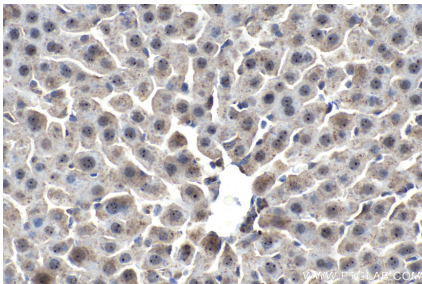
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC1505 (ANG IHC Kit).



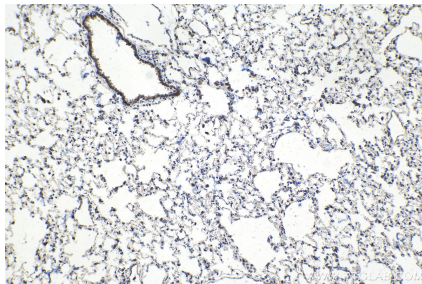
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1505 (ANG IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1505 (ANG IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC1505 (ANG IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1505 (ANG IHC Kit).