

# IHCeasy<sup>®</sup> PDCD11 Ready-To-Use IHC Kit

Catalog Number: **KHC2466**

## 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

PDCD11, also known as ALG-4, RRP5, or NFBP, possesses a series of S1 RNA-binding domains in the N-terminus with approximately 1,400 amino acids, followed by a tetratricopeptide repeat (TPR) domain in the C-terminus. Through S1 N-terminal domains, PDCD11 interacts with pre-rRNA to coordinate rRNA processing and assembly in the nucleolus. It also binds to Exonuclease-1 and upregulates Fas to induce cell apoptosis. Recently, PDCD11 was proved to interact with NF-κB subunits to suppress the expression of inflammatory cytokines and activate the TGFβ1 pathway, thereby modulating microglia differentiation during zebrafish development.

## Synonyms

PDCD11,ALG 4,ALG4,KIAA0185,NF kappa B binding prot

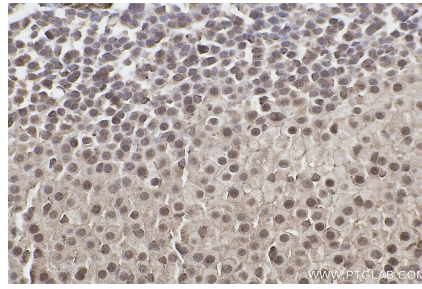
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

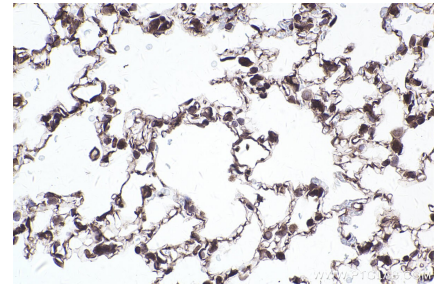
## Selected Validation Data



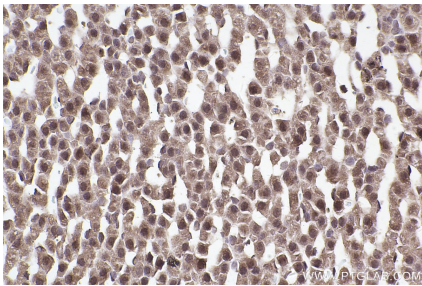
Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using KHC2466 (PDCD11 IHC Kit).



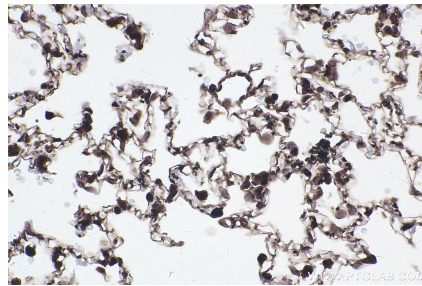
Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using KHC2466 (PDCD11 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2466 (PDCD11 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat adrenal gland tissue slide using KHC2466 (PDCD11 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC2466 (PDCD11 IHC Kit).