

IHCeasy[®] 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- κ B subunits to suppress the expression of inflammatory cytokines and activate the TGF β 1 pathway, thereby modulating microglia differentiation during zebrafish development.

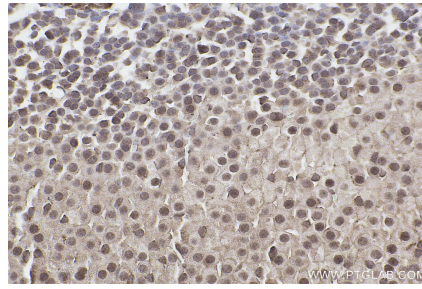
Synonyms

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

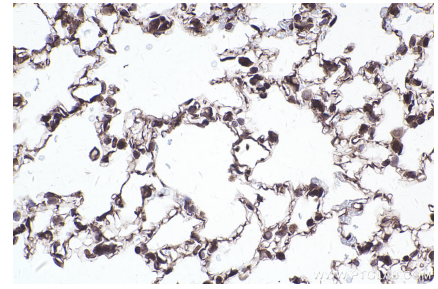
Selected Validation Data



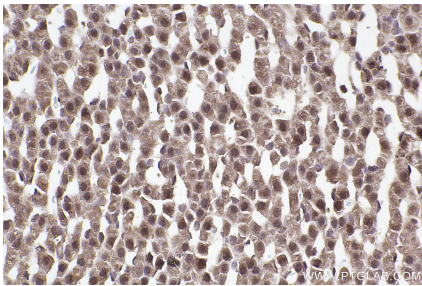
Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using KHC2466 (PDCD11 IHC Kit).



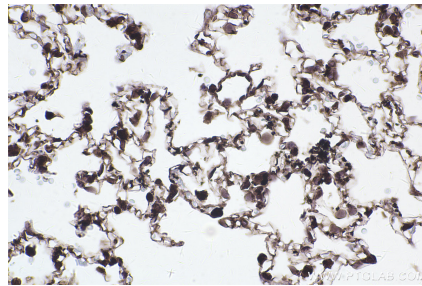
Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using KHC2466 (PDCD11 IHC Kit).



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).