

IHCeasy[®] IRAK4 Ready-To-Use IHC Kit

Catalog Number: KHC2967

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse
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.

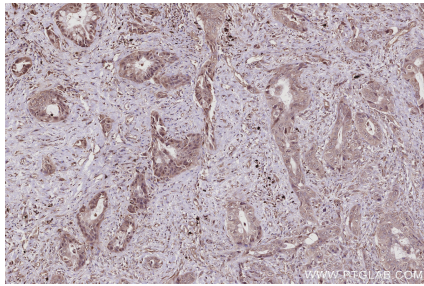
Background

IRAK4 is the central kinase in the Toll-like receptor pathway of the innate immune system. Toll-like receptors constitute the first line of defense against pathogenic micro-organisms such as bacteria, viruses, and yeast. Unphosphorylated full-length IRAK4 can autophosphorylate in vitro in a cell-free system. In the cellular context, however, autophosphorylation is inducible by IL-1 β .

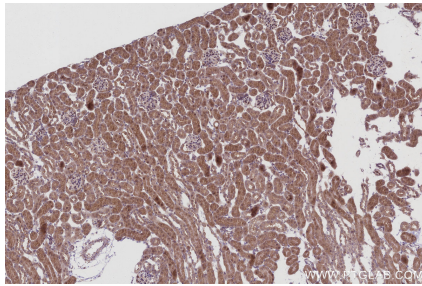
Synonyms

EC:2.7.11.1, Interleukin-1 receptor-associated kinase 4, IPD1, IRAK 4, IRAK-4

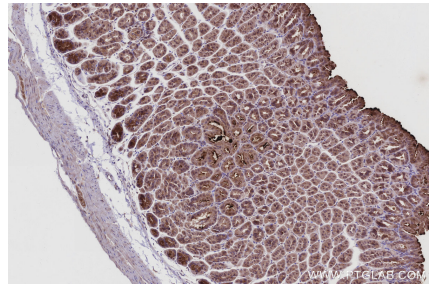
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC2967 (IRAK4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC2967 (IRAK4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2967 (IRAK4 IHC Kit).