

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

Catalog Number: **KHC2975**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human  
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

ZAK(sterile-alpha motif and leucine zipper containing kinase AZK) is also named as MLTK, MAPKKK, mlklak, MLK7, AZK, MLT, MRK, HCCS-4, MAP3K20 and belongs to the MAPKKK family. It is a mitogen-activated protein kinase kinase kinase (MAP3K) that activates the stress-activated protein kinase/c-jun N-terminal kinase pathway and activates NF-kappaB. ZAK contributes to regulation of DNA damage checkpoints through a p38gamma-independent pathway.

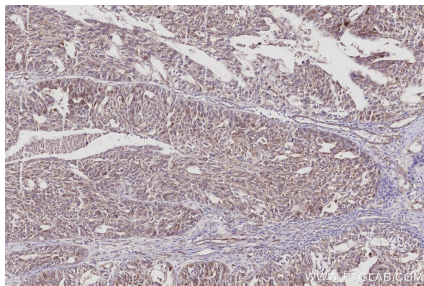
## Synonyms

AZK, EC:2.7.11.25, HCCS 4, HCCS-4, Leucine zipper- and sterile alpha motif-containing kinase

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2975 (ZAK IHC Kit).