

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

Catalog Number: **KHC0107**

## General Information

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

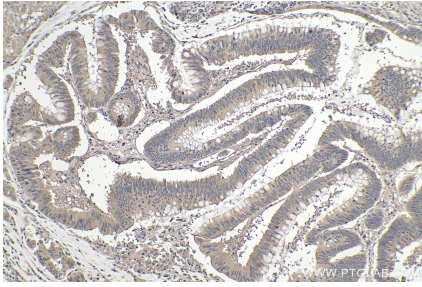
## Background

FAK (Focal adhesion kinase 1) is also named as FAK1, FADK, pp125FAK, and belongs to the protein kinase superfamily. It is a critical tyrosine kinase that modulates cell adhesion, migration, proliferation and survival in response to extracellular signals. It also acts as a pivotal signal 'integrator', controlling and coordinating cellular responses that include cell migration, survival, proliferation and, epithelial tissue repair after DNA damage. FAK also plays important role in EMT (epithelial-to-mesenchymal transition).

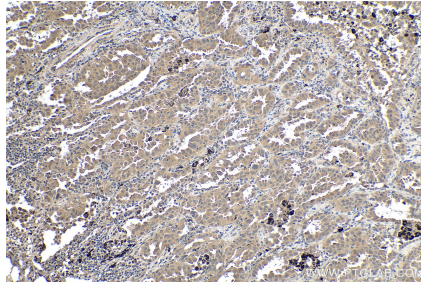
## Synonyms

FADK, FADK 1, FAK, FAK1, Focal adhesion kinase 1, pp125FAK, Protein tyrosine kinase 2, PTK2, PTK2 protein tyrosine kinase 2

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0107 (FAK IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0107 (FAK IHC Kit).