

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

Catalog Number: **KHC0117**

## General Information

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

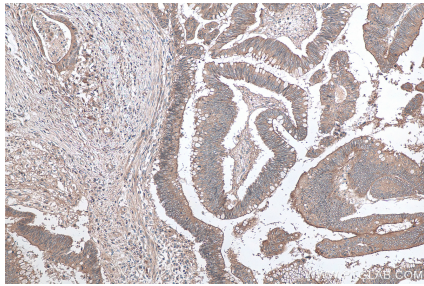
## Background

SRC, also named as SRC1 and p60-Src, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. It is a non-receptor protein tyrosine kinase that plays pivotal roles in numerous cellular processes such as proliferation, migration, and transformation. In concert with PTK2B, SRC plays an important role in osteoclastic bone resorption. It promotes energy production in osteoclasts by activating mitochondrial cytochrome C oxidase.

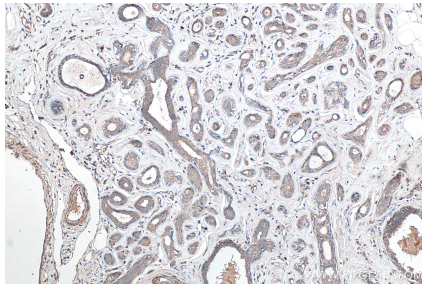
## Synonyms

ASV, c SRC, c-SRC, p60 Src, pp60c src, Proto oncogene c Src, SRC, SRC1

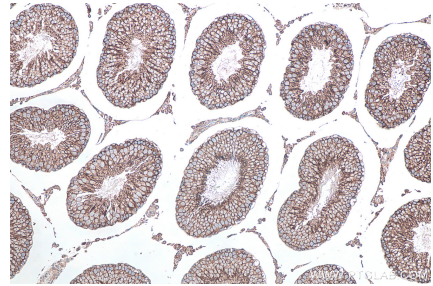
## Selected Validation Data



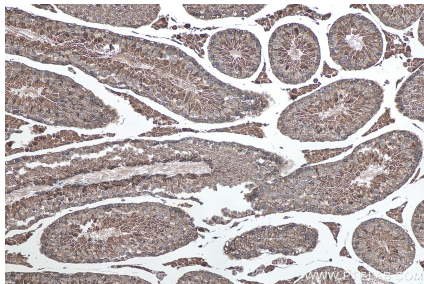
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0117 (c-SRC IHC Kit).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using KHC0117 (c-SRC IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC0117 (c-SRC IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC0117 (c-SRC IHC Kit).