

# IHC*easy* HIST1H1B Ready-To-Use IHC Kit

Catalog Number: **KHC2193**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
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

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Histone Cluster 1 H1 Family Member B (HIST1H1B) is a member of the Histone H1/H5 protein family. HIST1H1B gene has been found to be frequently mutated in colorectal cancer and follicular lymphomas. HIST1H1B overexpression contributes to tumor aggressiveness. HIST1H1B expression is upregulated in breast cancer and predicts poor prognosis.

