

# IHCeasy<sup>®</sup> RPL5 Ready-To-Use IHC Kit

Catalog Number: **KHC3212**

## General Information

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

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Rabbit Recombinant  
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

RPL5 (Ribosomal Protein L5) is a crucial component of the 60S ribosomal subunit, playing a significant role in ribosome biogenesis and function. It is required for rRNA maturation and the formation of the 60S ribosomal subunits. Defects or mutations in RPL5 are associated with Diamond-Blackfan anemia (DBA), a congenital disorder characterized by red blood cell aplasia.

## Synonyms

60S ribosomal protein L5, DBA6, Large ribosomal subunit protein uL18, MSTP030, ribosomal protein L5

Selected Validation Data