

# IHCeasy<sup>®</sup> HERC4 Ready-To-Use IHC Kit

Catalog Number: **KHC3261**

## 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

HERC4, also known as HECT and RLD domain containing E3 ubiquitin protein ligase 4, is a protein encoded by the HERC4 gene in humans. HERC4 is a novel member of HERC family. The mRNA of HERC4 has been found in all examined tissues, with its levels being significantly higher in the brain and testis than in the placenta and heart.

## Synonyms

EC:2.3.2.26, HECT domain and RCC1-like domain-containing protein 4, hect domain and RLD 4, HECT-type E3 ubiquitin transferase HERC4, KIAA1593

## Selected Validation Data