

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

Catalog Number: **KHC3232**

## General Information

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

The neonatal Fc receptor for IgG (FcRn) is a membrane-associated receptor which acts as a key determinant of IgG homeostasis. FcRn is similar in structure to major histocompatibility class I molecules. It is a heterodimer composed of a alpha chain associated with  $\beta$ 2-microglobulin. FcRn transfers IgG from the mother to the fetus across the placenta and the proximal small intestine. In addition, throughout life, FcRn protects IgG from degradation and thus regulates the serum half-life of IgG.

## Synonyms

FCGRT, FCRN, Neonatal Fc receptor

For technical support and original validation data for this product please contact:  
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## Selected Validation Data