

# IHCeasy<sup>®</sup> CD8A Ready-To-Use IHC Kit

Catalog Number: **KHC0014**

## General Information

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

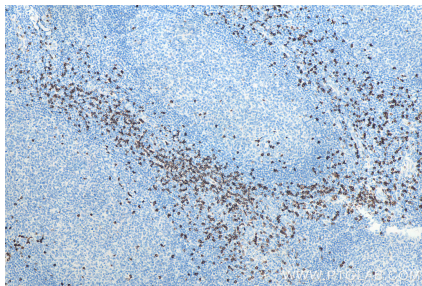
## Background

CD8 is a transmembrane glycoprotein that is predominantly expressed on the surface of cytotoxic T cells, and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8 serves as a co-receptor for the T cell receptor (TCR). Both CD8 and TCR recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. CD8 plays a role in T cell development and activation of mature T cells. This kit targets to the alpha chain of CD8 molecule (CD8a).

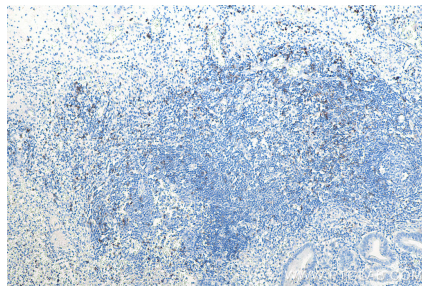
## Synonyms

CD8, CD8A, CD8a molecule, Leu2, MAL, p32

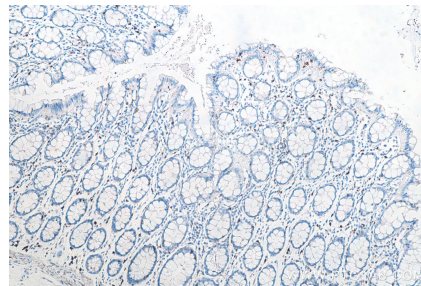
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using KHC0014 (CD8A IHC Kit).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC0014 (CD8A IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC0014 (CD8A IHC Kit).