

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

Catalog Number: **KHC1798**

## General Information

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

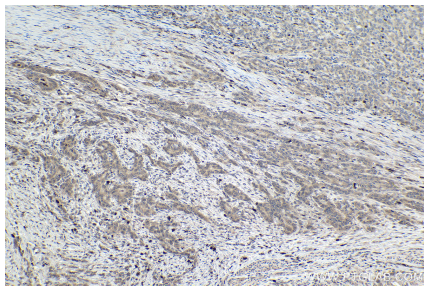
## Background

MAEA (macrophage erythroblast attacher) is a core component of the CTLH E3 ubiquitin-protein ligase complex. MAEA is required for normal cell proliferation and plays a role in erythroblast enucleation during erythrocyte maturation and in the development of mature macrophages. N-terminus MAEA and full-length MAEA are mostly expressed in nuclear and can be detected at low level in the cytoplasm of some cells, while C-terminus MAEA can be detected in the cytoplasm and nucleoli within the nucleus. MAEA mediates the attachment of erythroid cell to mature macrophages which can inhibit erythroid cell apoptosis. The expression of MAEA may be associated with the type 2 diabetes mellitus.

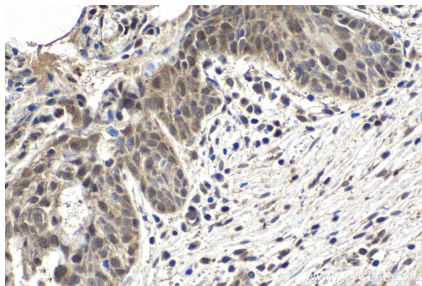
## Synonyms

EMLP, EMP, HLC 10, MAEA, PIG5

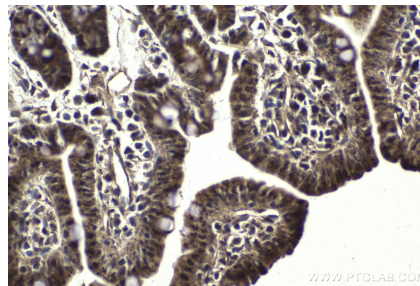
## Selected Validation Data



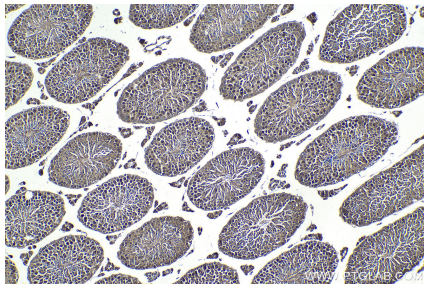
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1798 (MAEA IHC Kit).



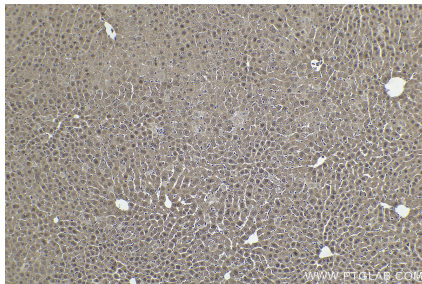
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC1798 (MAEA IHC Kit).



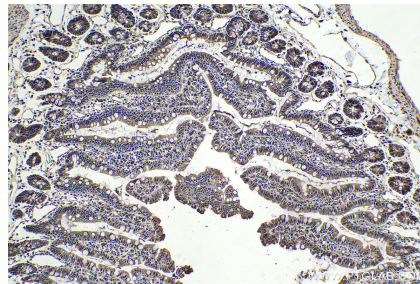
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1798 (MAEA IHC Kit).



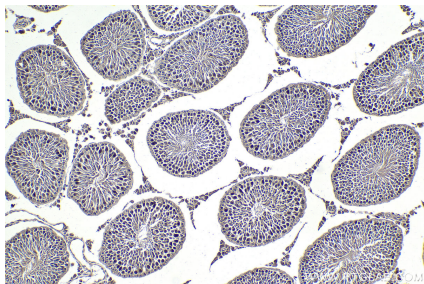
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1798 (MAEA IHC Kit).



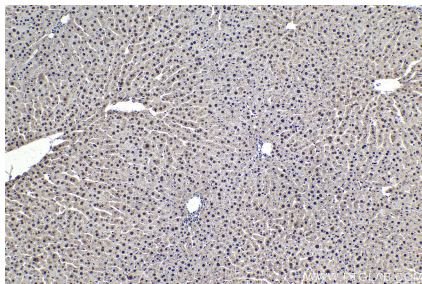
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1798 (MAEA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1798 (MAEA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1798 (MAEA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC1798 (MAEA IHC Kit).