

# IHC*easy* MAGED1 Ready-To-Use IHC Kit

Catalog Number: **KHC2029**

## 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.

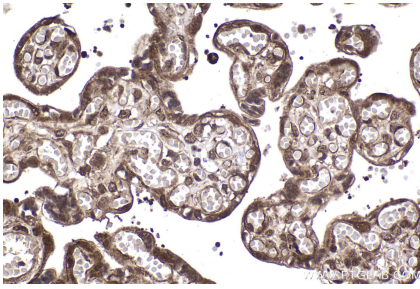
## Background

MAGED1 (also known as NRAGE or Dlxin-1) is a member of the type II melanoma antigen (MAGE) family of protein. MAGED1 can interact with the nerve growth factor receptor p75NTR, antagonize the association of p75NTR with TrkA, inhibit cell cycle progression, and facilitate p75NTR-mediated apoptosis. It has been reported that MAGED1 binds Dlx5 and regulates its transcriptional function. In vivo, MAGED1 binds not only Dlx5 but also Dlx7 and Msx2 and forms homomultimers. MAGED1 knockout mice show depressive behavior and impairments of circadian rhythm.

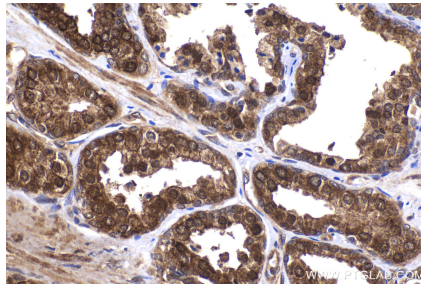
## Synonyms

DLXIN 1, MAGE D1 antigen, MAGE tumor antigen CCF, MAGED1, melanoma antigen family D, 1, Melanoma associated antigen D1, NRAGE, PP2250

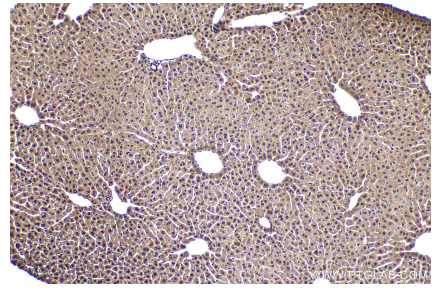
## Selected Validation Data



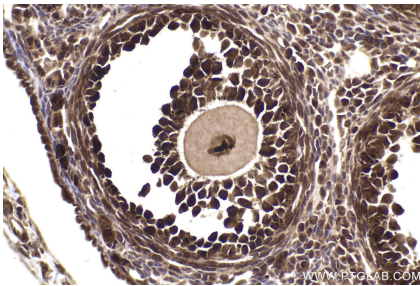
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2029 (MAGED1 IHC Kit).



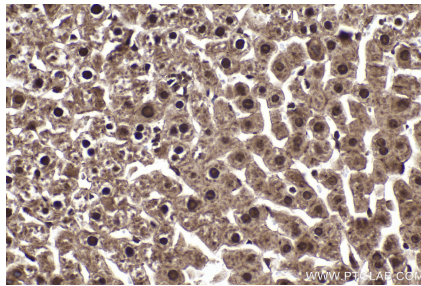
Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using KHC2029 (MAGED1 IHC Kit).



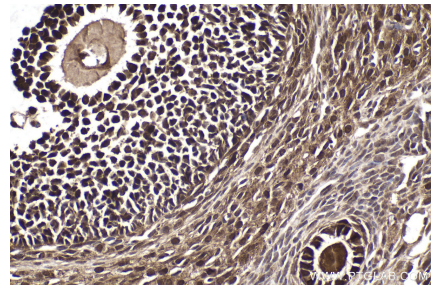
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC2029 (MAGED1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using KHC2029 (MAGED1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC2029 (MAGED1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat ovary tissue slide using KHC2029 (MAGED1 IHC Kit).