

IHC*easy* NDNL2 Ready-To-Use IHC Kit

Catalog Number: **KHC2836**

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.

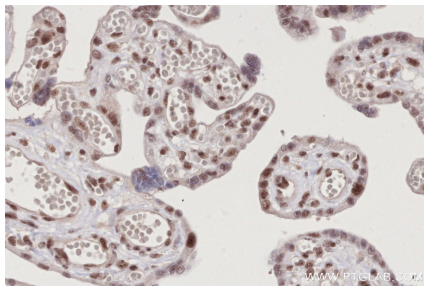
Background

NDNL2 (also known as NSMCE3 or MAGEG1) is a part of the SMC5-6 protein complex that is essential for DNA damage response and chromosome segregation. The gene of human NDNL2 maps to chromosome 15q13.1. Missense mutations in NSMCE3 have been associated with an autosomal recessive chromosome breakage syndrome that leads to defective T and B cell function and acute respiratory distress syndrome in early childhood.

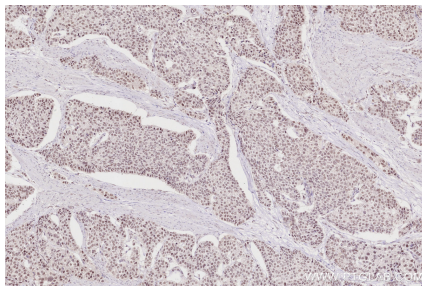
Synonyms

HCA4, Hepatocellular carcinoma-associated protein 4, MAGEG1, MAGE-G1 antigen, Melanoma-associated antigen G1

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2836 (NDNL2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2836 (NDNL2 IHC Kit).