

A Reliable Research Partner in Life Science and Medicine

# **Recombinant Claudin 18.2 Monoclonal Antibody**

catalog number: AN301831L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Human;Rat;Mouse

**Immunogen** Recombinant human Claudin 18.2 fragment

Host Rabbit Isotype lgG, κ Clone A543

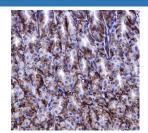
**Purification** Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

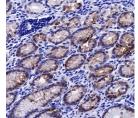
**Applications Recommended Dilution** 

1:200-1:1000 **IHC** 

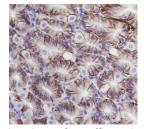
#### Data



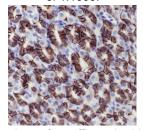
Immunohistochemistry of paraffin-embedded Human stomach using Claudin 18.2 Monoclonal Antibody at dilution cancer using Claudin 18.2 Monoclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Human gastric of 1:1000



Immunohistochemistry of paraffin-embedded Mouse stomach using Claudin 18.2 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat stomach using Claudin 18.2 Monoclonal Antibody at dilution of 1:1000.

Rev. V1.1

# **Preparation & Storage**

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

### **Background**

Claudin 18 (CLDN18) belongs to the large claudin family of proteins, which are tetraspan transmembrane proteins of tight junctions. Claudins exhibit specific patterns of expression in different tissues. CLDN18 is specifically expressed in the stomach and lung. CLDN18 has two alternatively spliced variants, CLDN18.1 and CLDN18.2. CLDN18.2 is a highly selective gastric lineage marker that determines the gastric phenotype in a neoplastic condition, whereas CLDN18.1 is lung specific. Altered CLDN18 expression has been reported in various human malignancies, including gastric cancer, lung adenocarcinoma, and pancreatic neoplasm.

## For Research Use Only

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