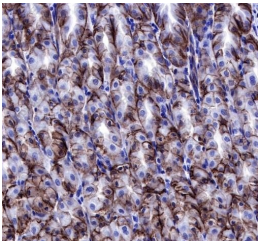
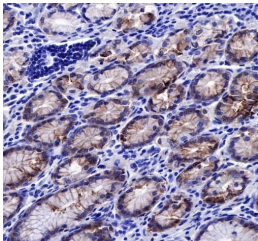
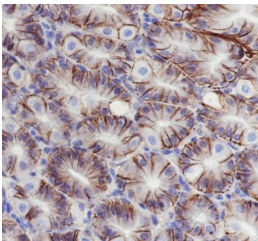
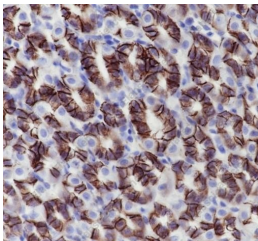


Recombinant Claudin 18.2 Monoclonal Antibody

catalog number: AN301831L

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

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Claudin 18.2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C151453
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
IHC	1 : 200-1 : 1000

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

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.

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Rev. V1.3

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