



Background

The Claudin-18.2 (CLDN 18.2) protein, an isoform of Claudin 18, a member of the tight junction protein family, is a highly selective biomarker with limited expression in normal tissues and often abnormal expression during the occurrence and development of various primary malignant tumors, such as gastric cancer/gastroesophageal junction (GC/GEJ) cancer, breast cancer, colon cancer, liver cancer, head and neck cancer, bronchial cancer and non-small-cell lung cancer. Claudin-18.2 participates in the proliferation, differentiation and migration of tumor cells. Recent studies have identified Claudin-18.2 expression as a potential specific marker for the diagnosis and treatment of these tumors.

Host Species

Mouse

Clone

3B10

Application

IHC

Property

1: 1000

State

Liquid

Positive Control

Human Stomach Tissues

Clonality

Monoclonal

Synonym

Claudin18.2, CLDN 18.2

Research Field

Cancer Drug Targets

Source

Mouse

Isotype

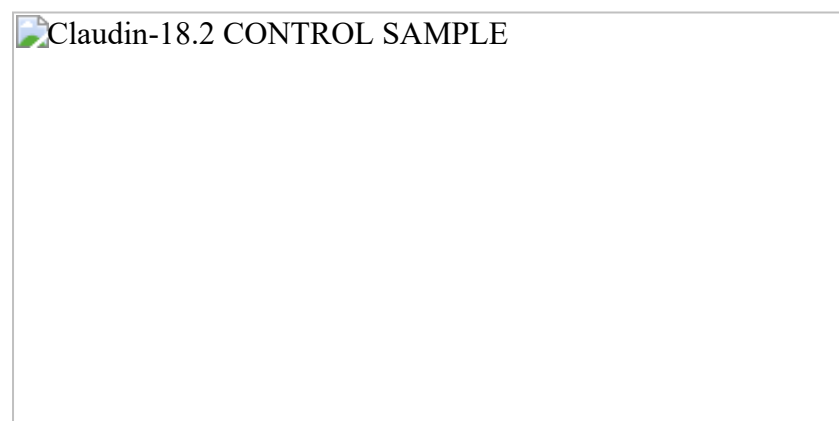
IgG

Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Typical Data

Control Sample



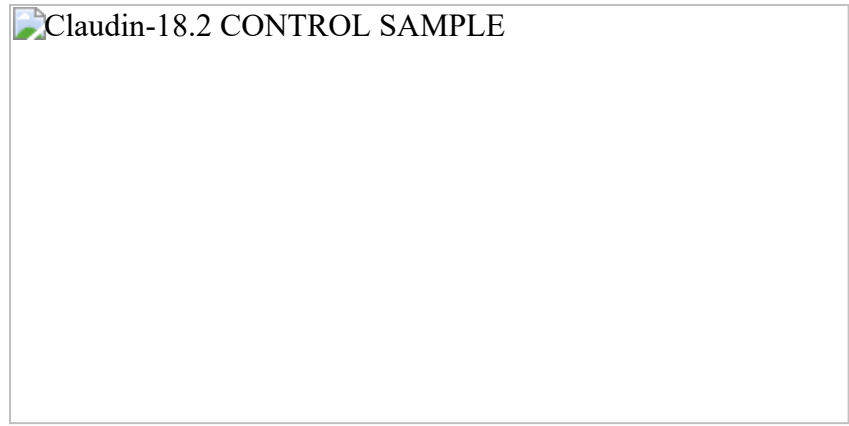
Immunohistochemical analysis of paraffin-embedded human stomach tissue labeling Claudin-18.2 with HCB-Y126 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Membranous staining on human gastric epithelial cells is observed. Counter stained with Hematoxylin. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Discounts, Gifts,
and more!



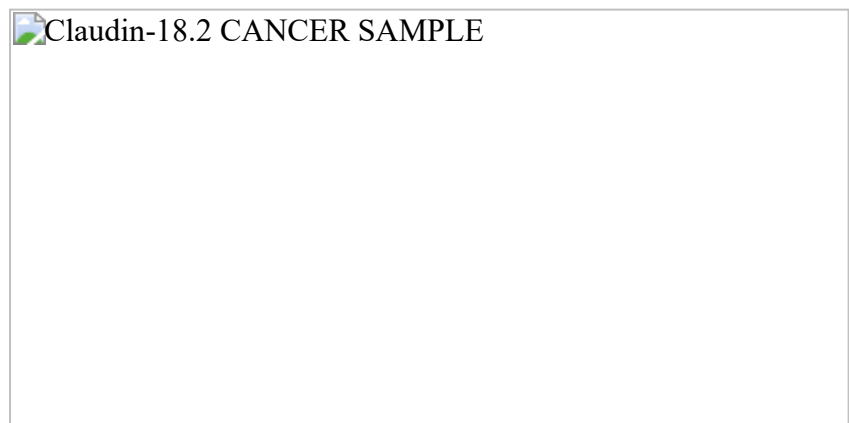
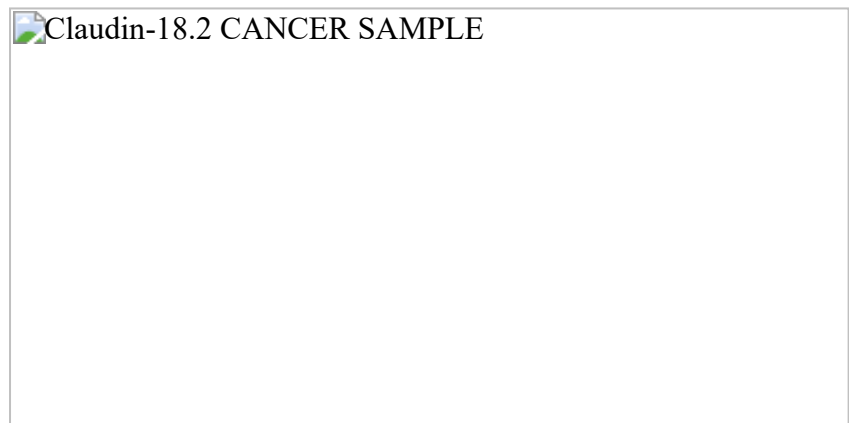
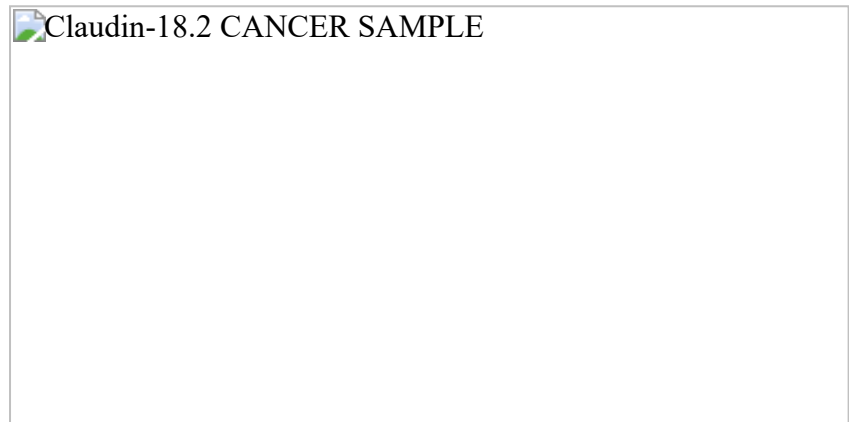
Monoclonal Anti-Claudin-18.2 Antibody, Mouse IgG1 (3B10)

Catalog # HCB-Y126



Immunohistochemical analysis of paraffin-embedded human lung tissue labeling Claudin-18.2 with HCB-Y126 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. The staining in the lung tissue sample was negative. Counter stained with Hematoxylin. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Cancer Sample



Discounts, Gifts,
and more!

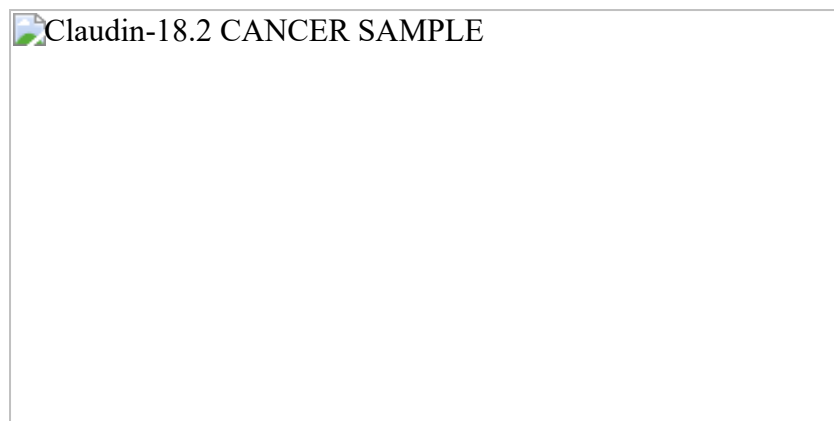


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Catalog # HCB-Y126



BIOSYSTEMS
Acro



Immunohistochemical analysis of paraffin-embedded human cancer tissue labeling Claudin-18.2 with HCB-Y126 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Membranous staining on tumor cells is observed. Counter stained with Hematoxylin. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.

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