

Mouse Anti-CA19-9 (Sialyl Lewis A) [121SLE]: MC0506, MC0506RTU7

Intended Use: For Research Use Only

Description: Mucin glycoprotein is a sialyl Lewis a structure which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lewis a and/or Lewis b blood group antigens. In normal tissues, sialyl Lewis a antigen is present in ductal epithelium of the breast, kidney, salivary gland, and sweat glands. Its expression is greatly enhanced in serum as well as in the majority of tumor cells in gastrointestinal (GI) carcinomas, including adenocarcinomas of the stomach, intestine, and pancreas. Preoperative elevated CA19-9 levels in patients with stage I pancreatic carcinoma decrease to normal values following surgery. When used serially, CA19-9 can predict recurrence of disease prior to radiographic or clinical findings.

Specifications:

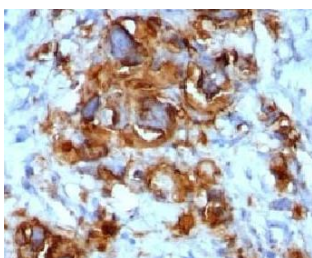
Clone: 121SLE
Source: Mouse
Isotype: IgM/k
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN₃)
Storage: Store at 2°- 8°C
Applications: IHC, Flow Cyt., ICC/IF
Package:

Description	Catalog No.	Size
CA19-9 (Sialyl Lewis A) Concentrated	MC0506	1 ml
CA19-9 (Sialyl Lewis A) Prediluted	MC0506RTU7	7 ml

IHC Procedure*:

Positive Control Tissue: Colon cancer
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human gastric ca. stained with anti-CA19-9 using DAB

References:

1. Pancreatic cancer serum biomarker PC-594: Diagnostic performance and comparison to CA19-9. Ritchie SA, et al. World J Gastroenterol. Jun 7;21(21):6604-12, 2015.
2. An immunohistochemical study of primary signet-ring cell carcinoma of the stomach and colorectum: III. Expressions of EMA, CEA, CA19-9, CDX-2, p53, Ki-67 antigen, TTF-1, vimentin, and p63 in normal mucosa and in 42 cases. Terada T. Int J Clin Exp Pathol. 6(4):630-8, 2013.

Doc. 100-MC0506
Rev. A