

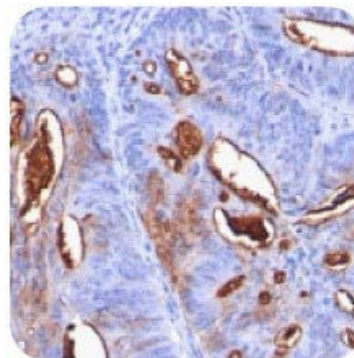
CA19-9 Clone 121SLE (Concentrate)

Description:

Species:	Mouse
Immunogen:	Precipitin lines obtained after immunodiffusion using MAbs 116-NS-19-9 and mucins isolated from an ovarian cyst of a Lewis A+B- patient (OLE) were used as immunogen for this CA19-9 antibody.
Clone:	121SLE
Isotype:	IgM, Kappa
Concentration:	Bioreactor Concentrate.
Format:	This antibody is provided in a phosphate buffered saline containing 1% BSA.
Specificity:	CA19-9, a carbohydrate epitope expressed on a high MW (>400kDa) 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.
Species Reactivity:	Human
Cellular Localization:	Luminal surface and cytoplasm.
Titer/Working Dilution:	Immunohistochemistry: 1:25 – 1:50
Microbiological State:	This product is not sterile.

Uses/Limitations:

Not to be taken internally.
For Research Use Only.
This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.





Instructions for Use AA00107-C-IFU		
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Procedure: We suggest an incubation period of 30-60 minutes at room temperature or overnight at 2-8 C. Staining of formalin fixed, paraffin embedded tissue sections is significantly enhanced by pretreatment with citrate-based antigen retrieval. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. For maximum staining intensity, we recommend using AviBond Ultra for detection and DAB Clarity Ultra products for visualization.

Precautions: Contains sodium azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

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4. van den Bosch RP; van Eijck CH; Mulder PG; Jeekel J. Hepato-Gastroenterology, 1996 May-Jun, 43(9):710-3.
5. Kodera Y; Yamamura Y; Torii A; Uesaka K; Hirai T; Yasui K; Morimoto T; Kato T; Kito T. American J of Gastroenterology, 1996, 91:49-53.
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